



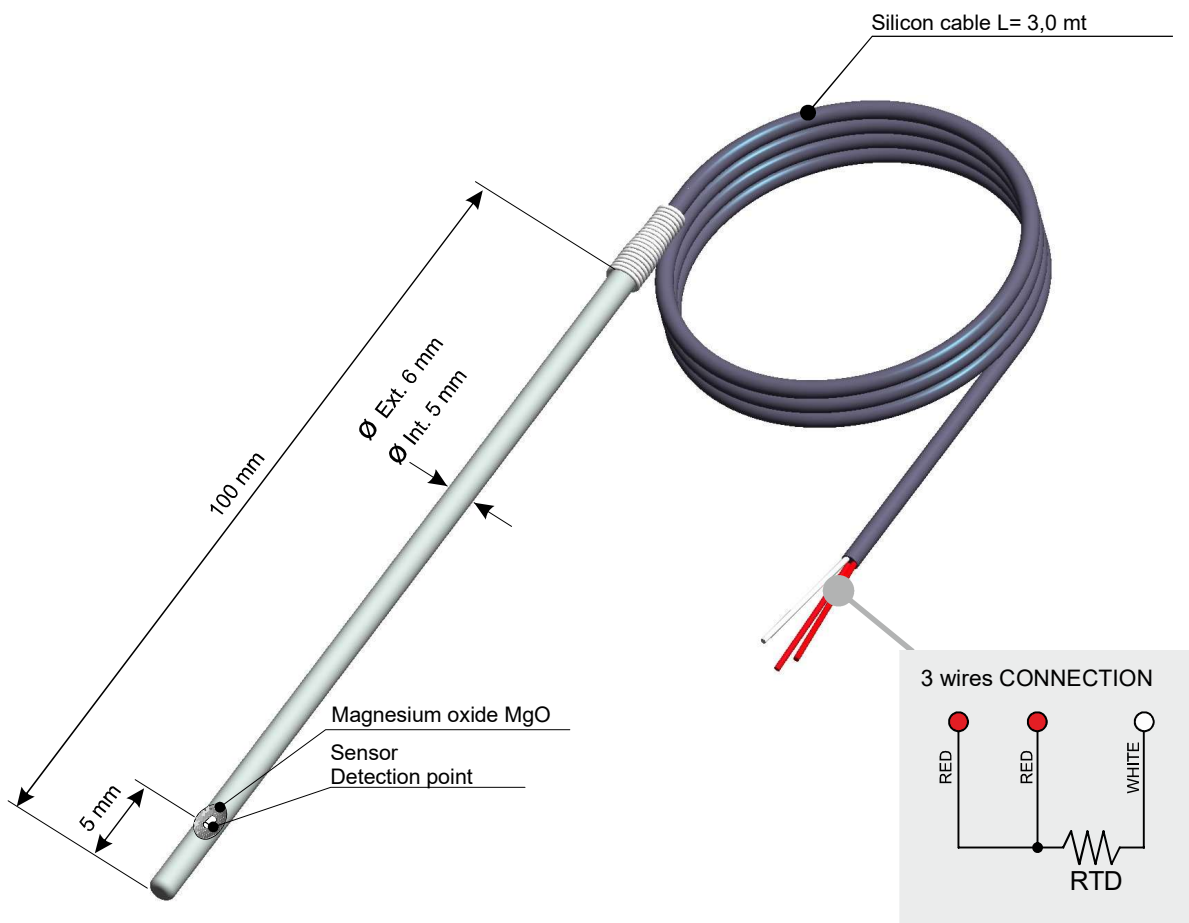
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CODE : **2000.90.039**

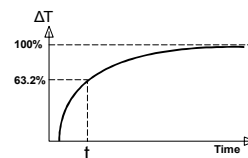
PT100B-6x50-A304-0000-3,0GSC

DESCRIPTION :
PT100B sensor 6x50 mm 3 wires connection,
no process connection with 3m silicon cable.



OPERATING TEMPERATURE :	-100°C + 250°C
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
INSULATION MATERIAL :	MgO Magnesium Oxide >20Mohm @ 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	GSC silicon

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon Rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External Diameter	Internal Diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
300	1.8	

EASYUP CONFIGURATION

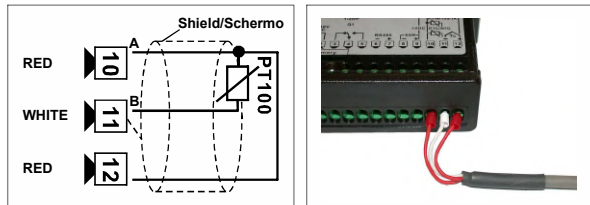
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2201

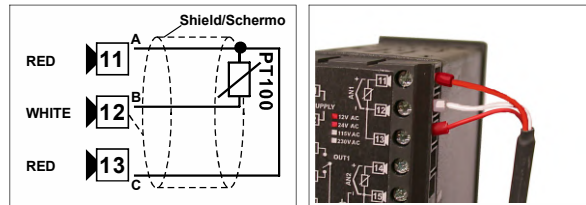
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+250°C

ATR142 CONNECTION



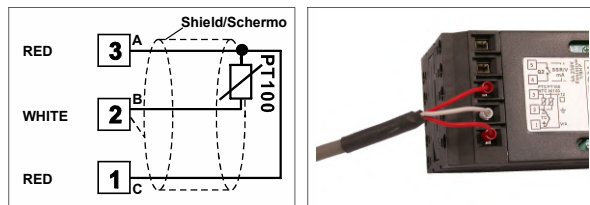
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



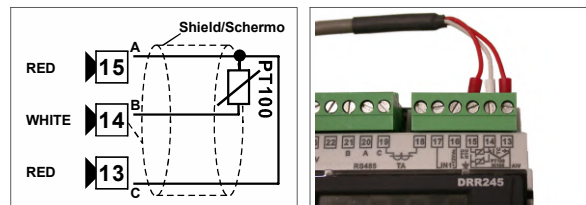
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



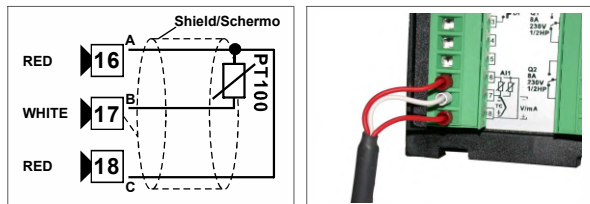
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

SLIDING JUNCTION :
(optional)

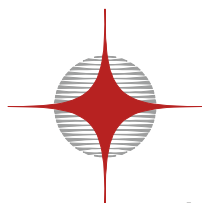
Cod. : 2000.30.003 1/8" GAS a Ø 6 mm

Cod. : 2000.30.006 1/4" GAS a Ø 6 mm

Cod. : 2000.30.009 1/2" GAS a Ø 6 mm

MATERIAL : STEEL AISI 316L





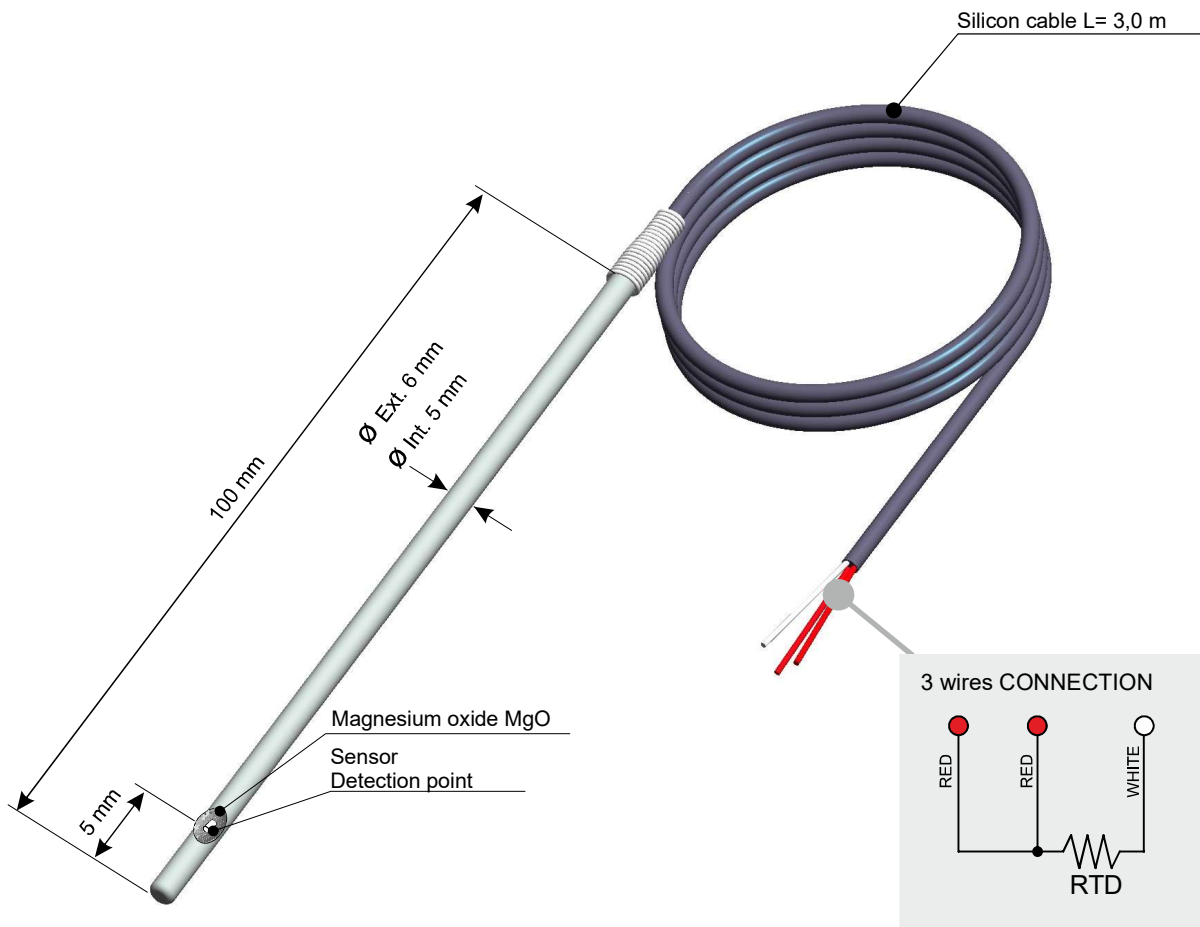
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CODE : **2000.90.001**

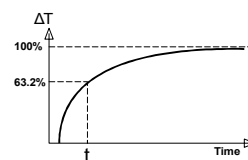
PT100B-6x100-A304-0000-3,0GSC

DESCRIPTION :
PT100B sensor 6x100mm 3 wires connection,
no process connection with 3m silicon cable.



OPERATING TEMPERATURE :	-100°C + 250°C
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
INSULATION MATERIAL :	MgO Magnesium oxide >20Mohm @ 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	GSC Silicon

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to onforme alle B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec speed, calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon Rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass Fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic Fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External Diameter	Internal Diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
300	1.8	

EASYUP CONFIGURATION

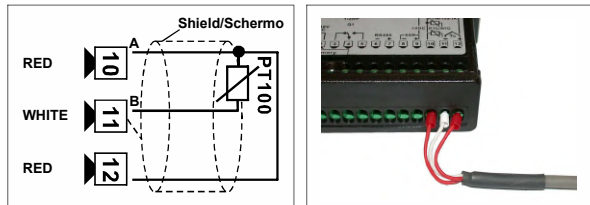
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2201

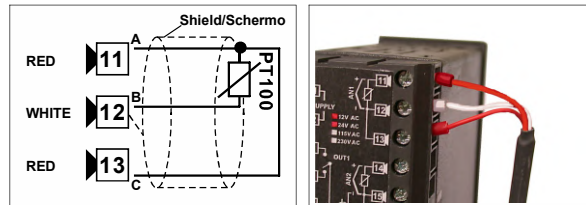
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+250°C

ATR142 CONNECTION



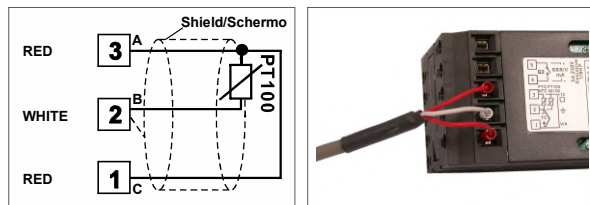
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



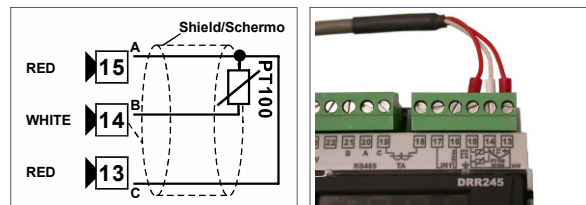
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



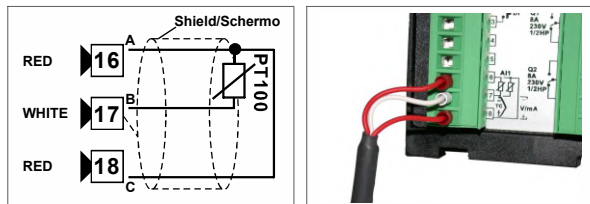
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

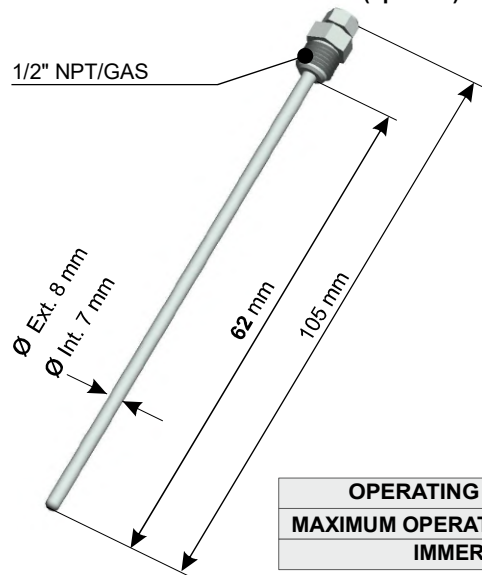
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

THERMOWELL Code : 2000.30.017 (optional)



SLIDING JUNCTION :
(optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

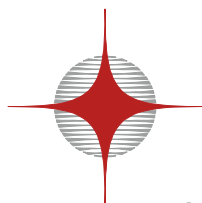
Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L



OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



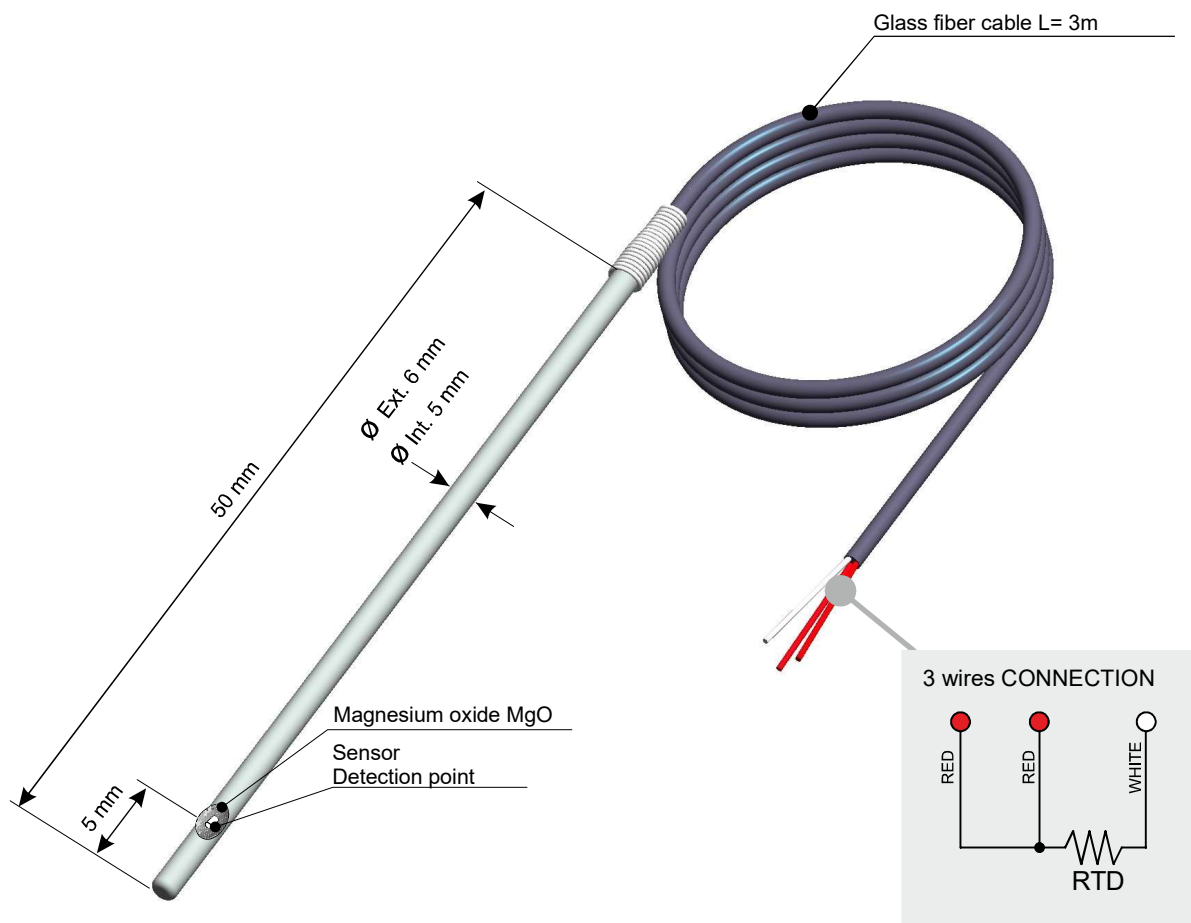
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CODE : **2000.90.153**

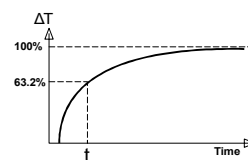
PT100B-6x50-A304-0000-3,0TTS

DESCRIPTION :
PT100B sensor 6x50 mm, 3 wires connection,
no process connection with 3m glass fiber cable.



OPERATING TEMPERATURE :	-100°C + 250°C
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium oxide >20Mohm @ 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

NORMATIVE DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 Class B (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
300	1.8	

EASYUP CONFIGURATION

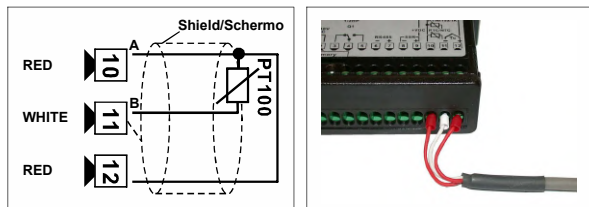
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR:

2201

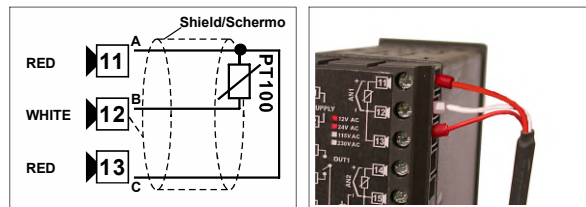
SENSOR SELECTION:	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+250°C

ATR142 CONNECTION



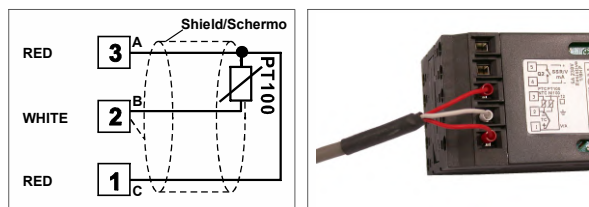
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



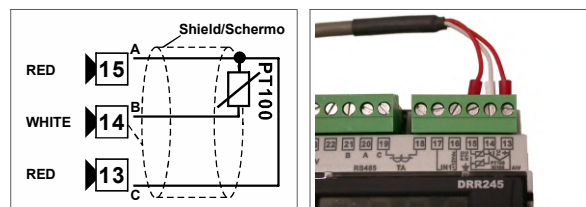
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



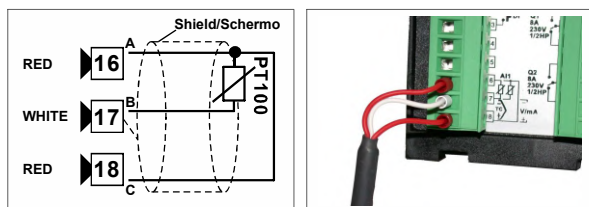
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

SLIDING JUNCTION

SLIDING JUNCTION :
(optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : Steel AISI 316L





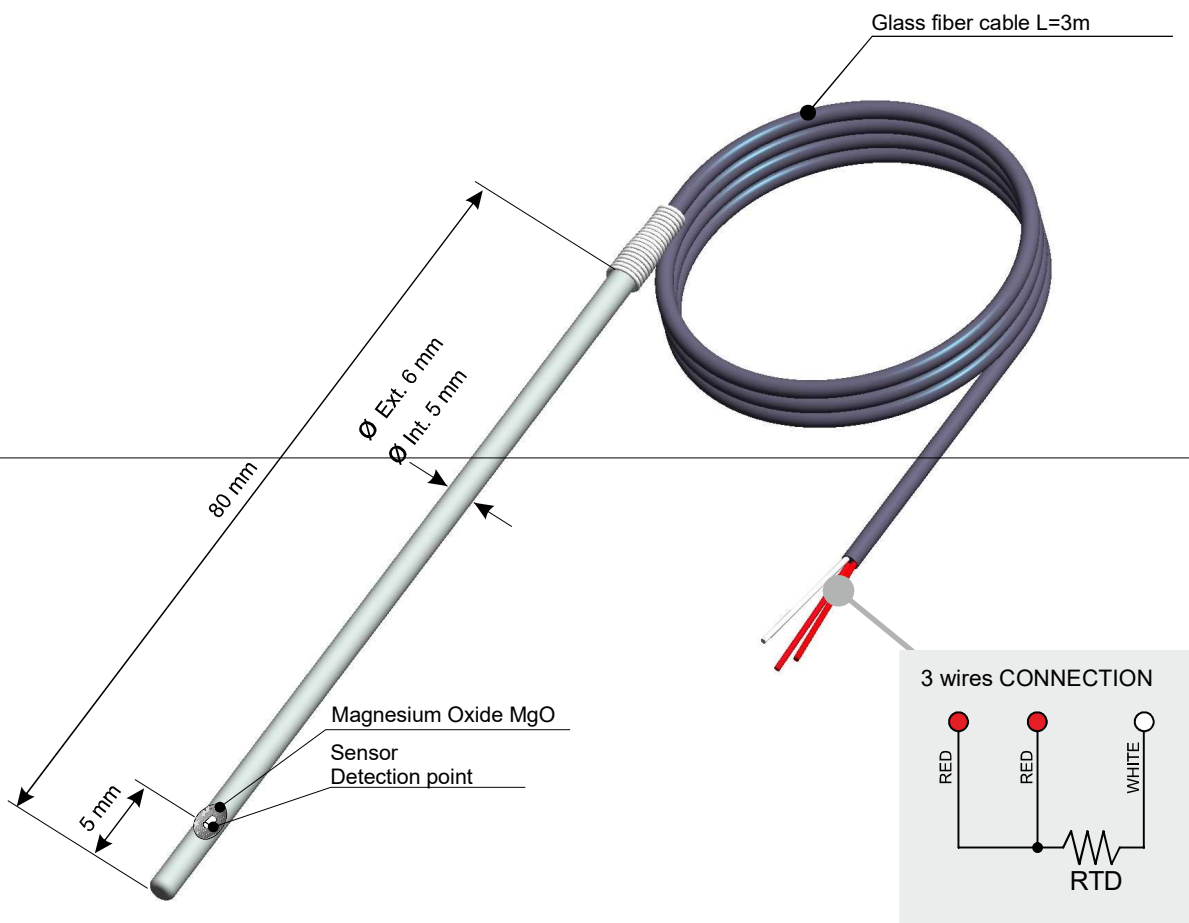
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CODE : **2000.90.520**

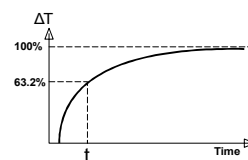
PT100B-6x80-A304-0000-2,0TTS

DESCRIPTION :
PT100B sensor 6x80 mm, 3 wires connection,
no process connection with 2m Glass fiber cable.



OPERATING TEMPERATURE :	-100°C + 250°C
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec. speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
300	1.8	

EASYUP CONFIGURATION

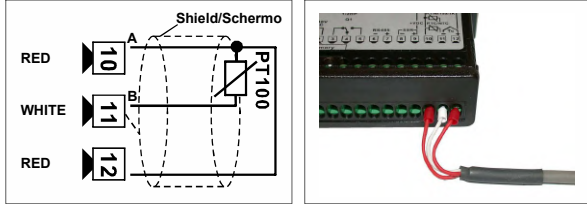
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2201

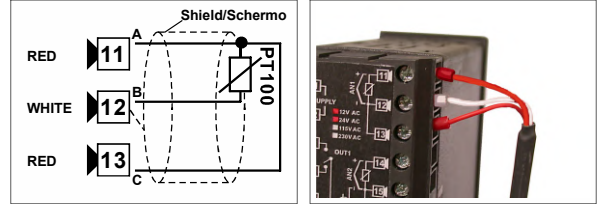
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+250°C

ATR142 CONNECTION



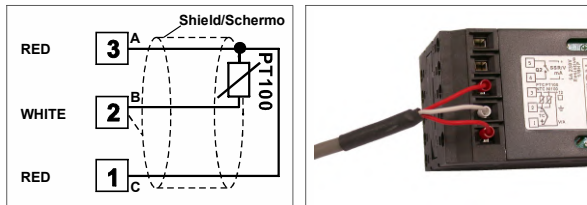
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



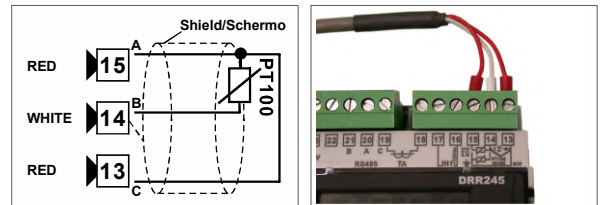
N.B. EasyUp on software 1.01 or greater

ATR236 /243 CONNECTION



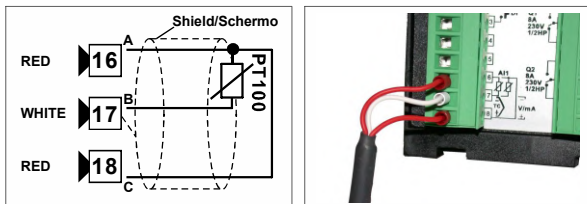
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

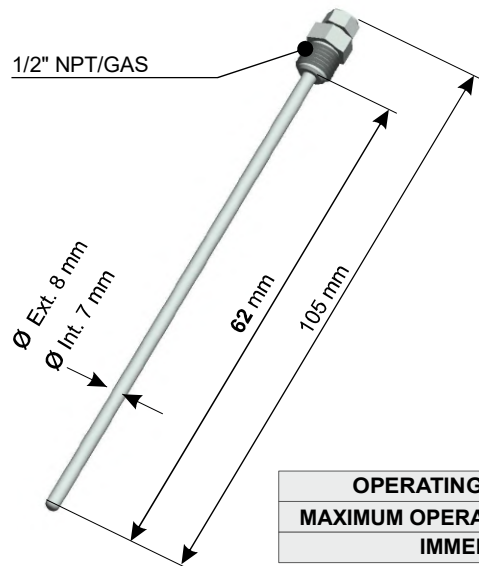
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

THERMOWELL Code : 2000.30.017 (optional)



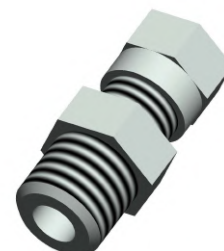
SLIDING JUNCTION :
(optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L



OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



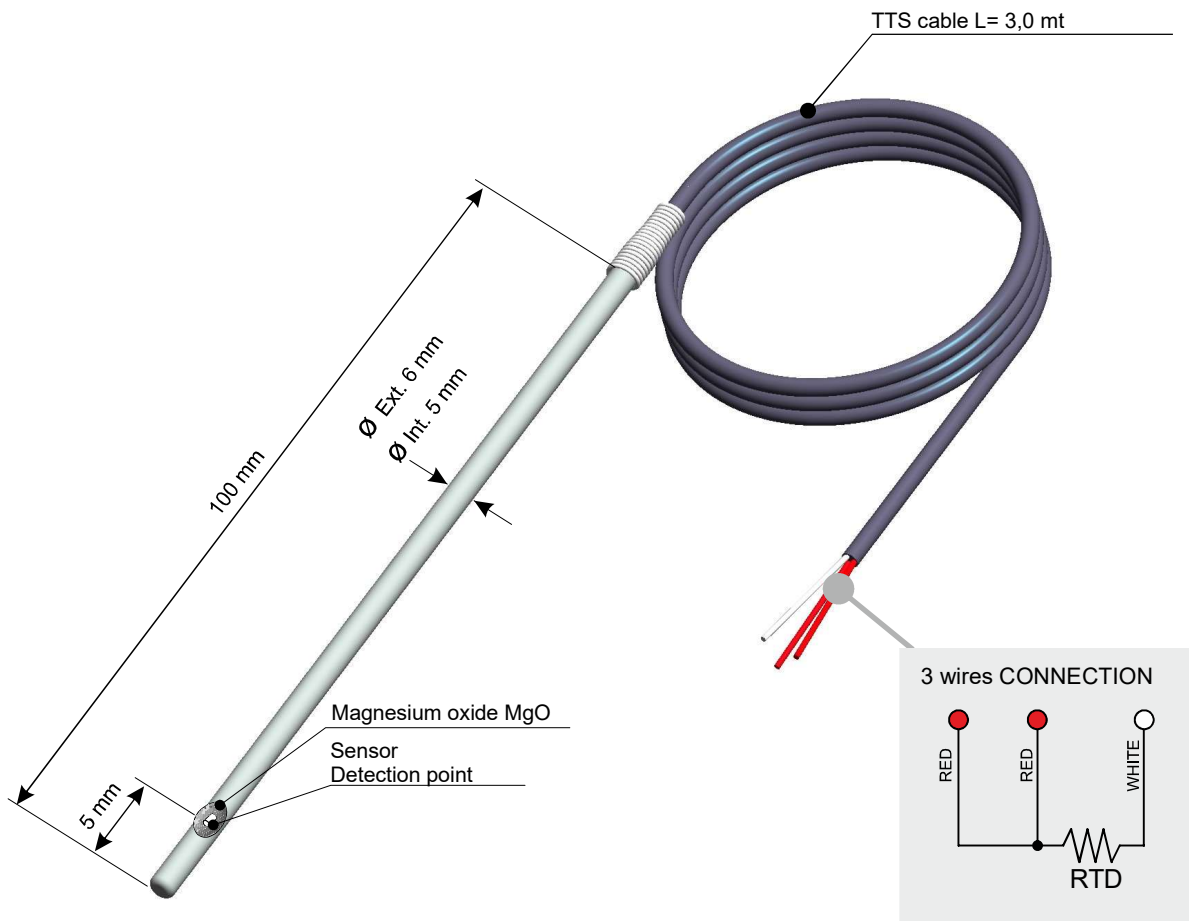
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CODE : **2000.90.036**

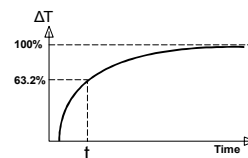
PT100B-6x100-A304-0000-3,0TTS

DESCRIPTION :
PT100B sensor 6x100 mm 3 wires connection,
no process connection with 3m TTS cable.



OPERATING TEMPERATURE :	-100°C + 250°C
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
INSULATION MATERIAL :	MgO Magnesium Oxide >20Mohm @ 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS glass fiber

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon Rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External Diameter	Internal Diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
300	1.8	

EASYUP CONFIGURATION

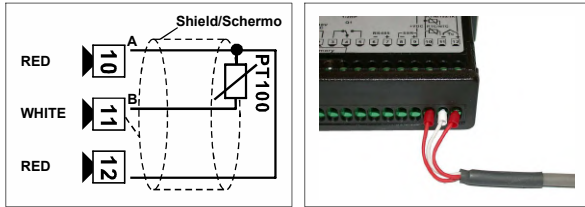
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2201

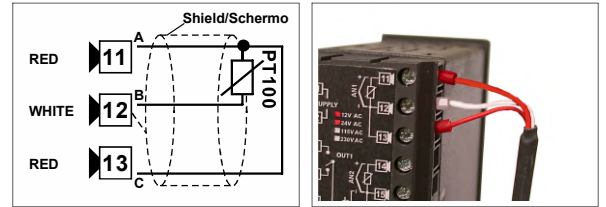
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+250°C

ATR142 CONNECTION



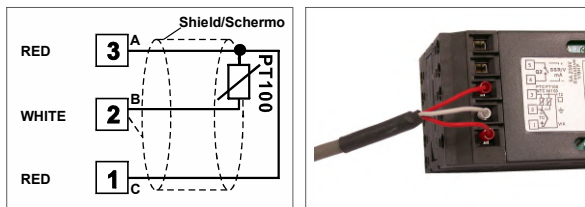
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



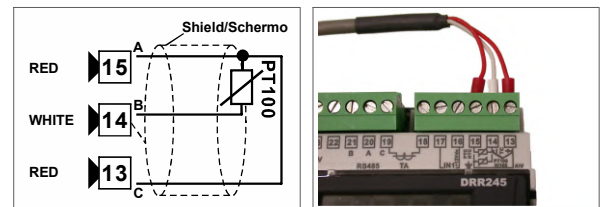
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



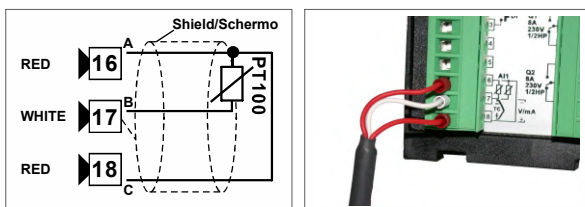
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

SLIDING JUNCTION :
(optional)

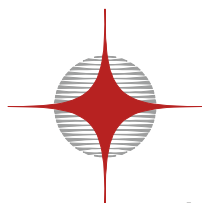
Cod. : 2000.30.003 1/8" GAS a Ø 6 mm

Cod. : 2000.30.006 1/4" GAS a Ø 6 mm

Cod. : 2000.30.009 1/2" GAS a Ø 6 mm

MATERIAL : STEEL AISI 316L





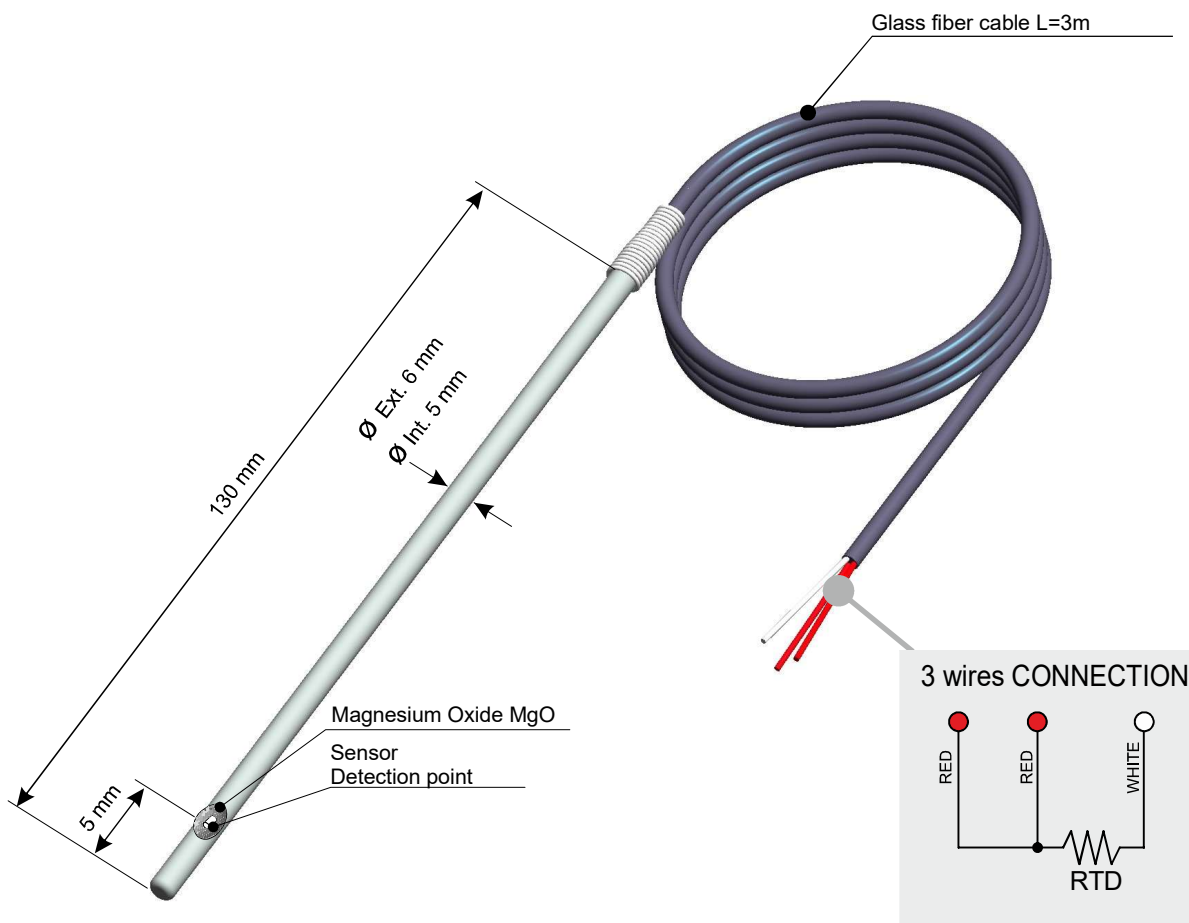
PIXSYS
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CODE : **2000.90.521**

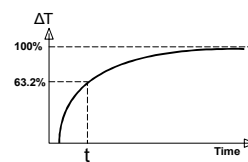
PT100B-6x130-A304-0000-2,0TTS

DESCRIPTION :
PT100B sensor 6x130 mm, 3 wires connection,
no process connection with 2m Glass fiber cable.



OPERATING TEMPERATURE :	-100°C + 250°C
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec. speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
300	1.8	

EASYUP CONFIGURATION

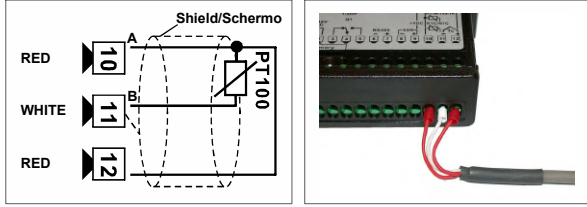
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2201

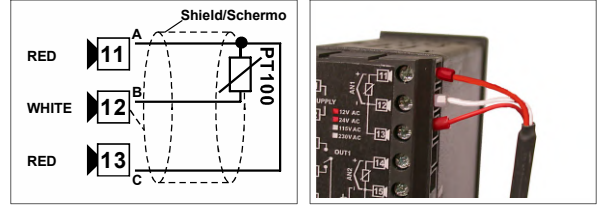
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+250°C

ATR142 CONNECTION



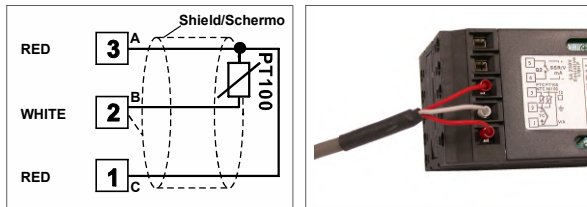
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



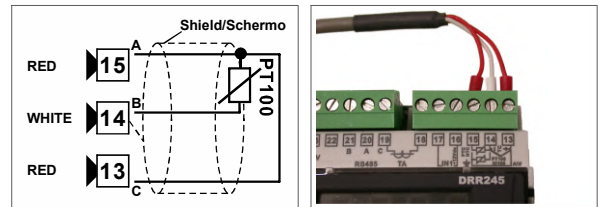
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



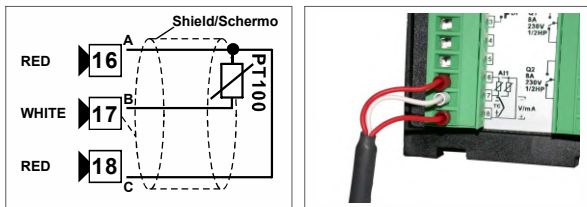
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

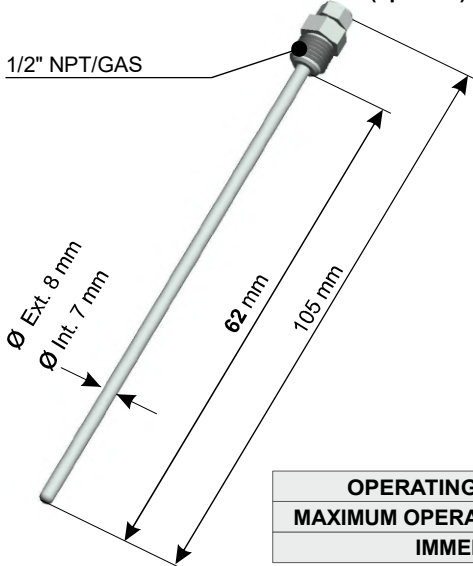
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

THERMOWELL Code : 2000.30.017 (optional)



SLIDING JUNCTION:
(optional)

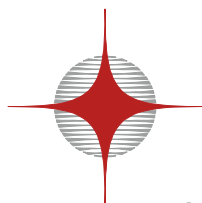
Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L **Code :** 2000.30.009 1/2" GAS at Ø 6 mm



OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



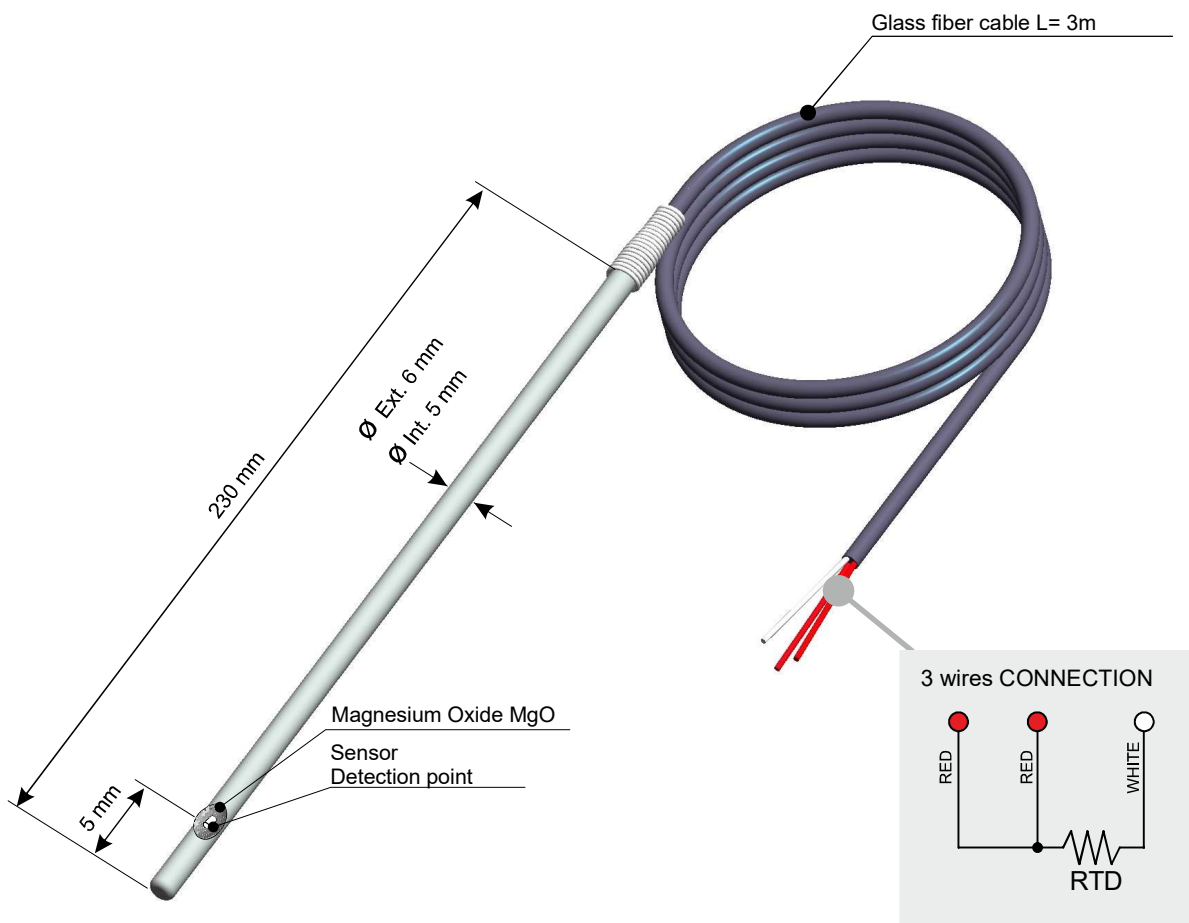
PIXSYS
electronics

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CODE : **2000.90.522**

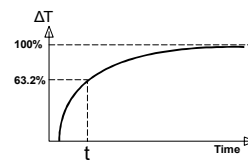
PT100B-6x230-A304-0000-2,0TTS

DESCRIPTION :
PT100B sensor 6x230 mm, 3 wires connection,
no process connection with 2m glass fiber cable.



OPERATING TEMPERATURE :	-100°C + 250°C
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber cable

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion speed at 1m/sec calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Fair	Fair	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Fair	Fair	Incombustible

External diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
300	1.8	

EASYUP CONFIGURATION

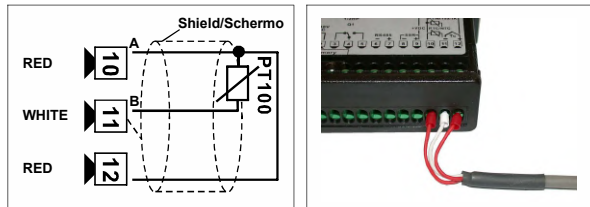
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2201

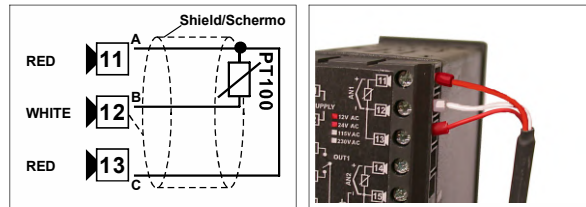
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+250°C

ATR142 CONNECTION



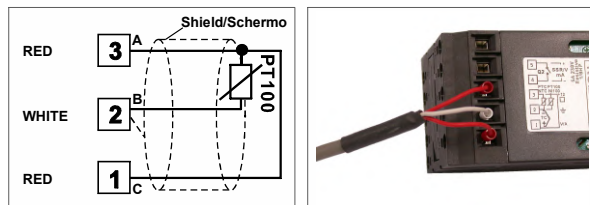
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



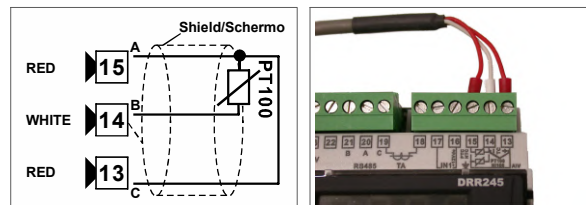
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



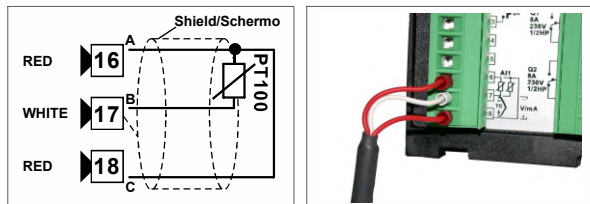
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

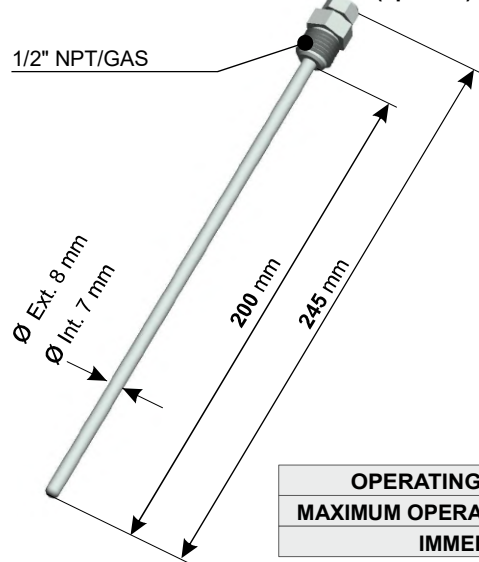
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

THERMOWELL Code : 2000.30.018 (optional)



SLIDING JUNCTION : (optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L



OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



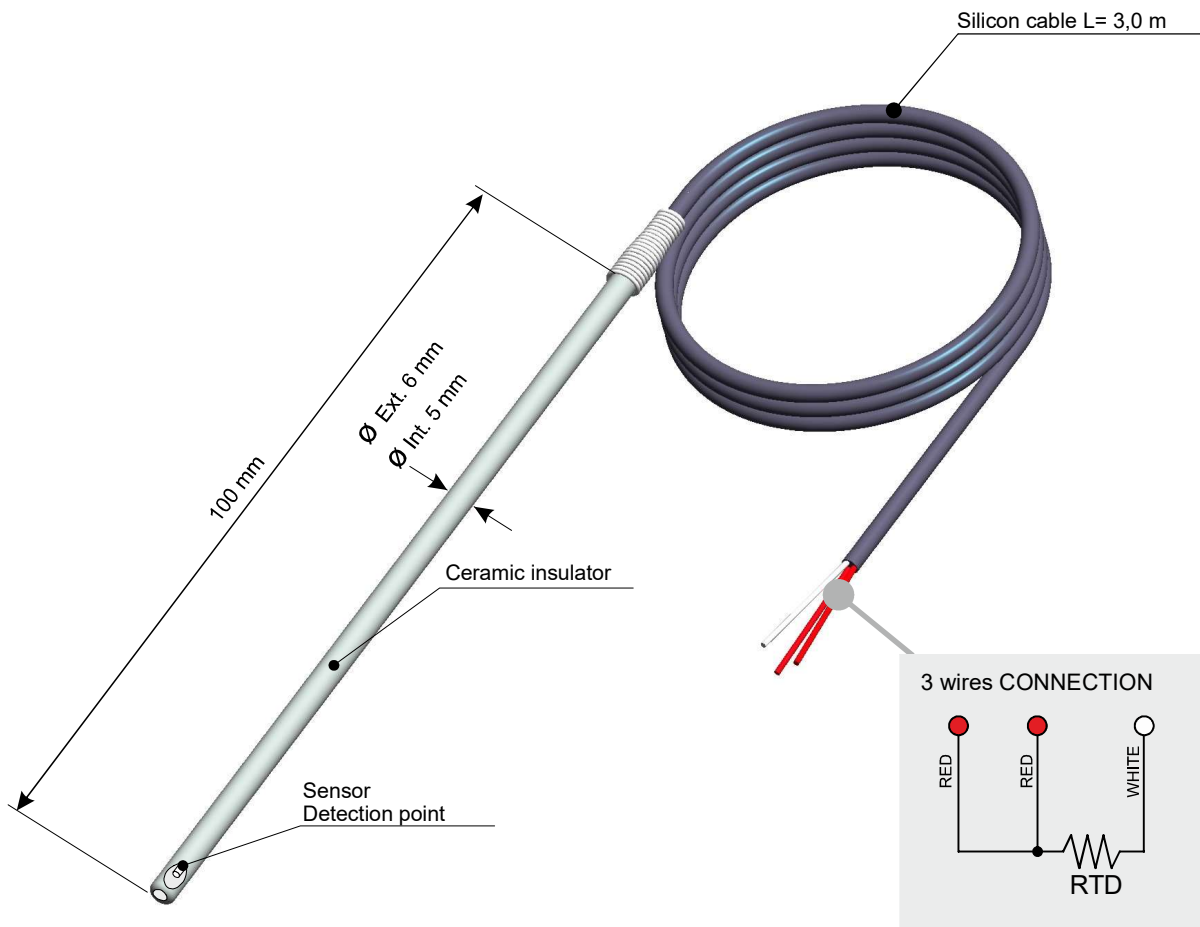
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CODE : **2000.90.091**

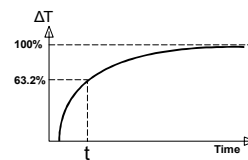
PT100B-AR/6x100-A304-0000-3,0GSC

DESCRIPTION :
PT100B air sensor 6x100 mm, 3 wires,
no process connection with 3m silicon cable.



OPERATING TEMPERATURE :	-100°C + 250°C
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	Ceramic insulators
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	GSC Silicon

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon Rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External Diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
300	1.8	

EASYUP CONFIGURATION

To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR:

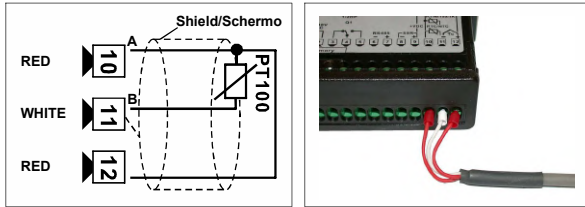
2201

SENSOR SELECTION : PT100

LOWER LIMIT : -100°C

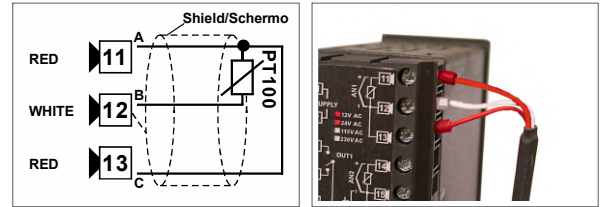
UPPER LIMIT: +250°C

ATR142 CONNECTION



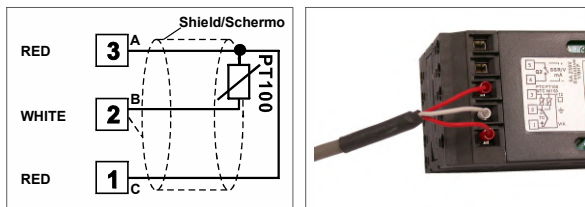
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



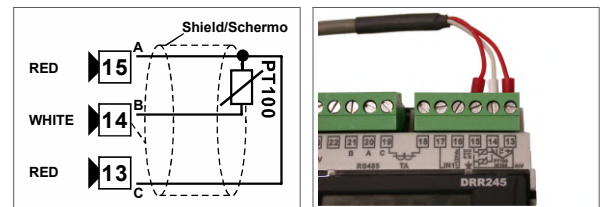
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



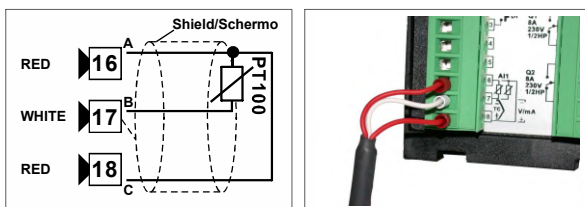
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

SLIDING JUNCTION :
(optional)

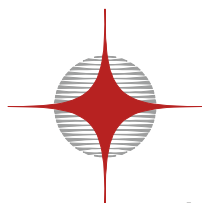
Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L





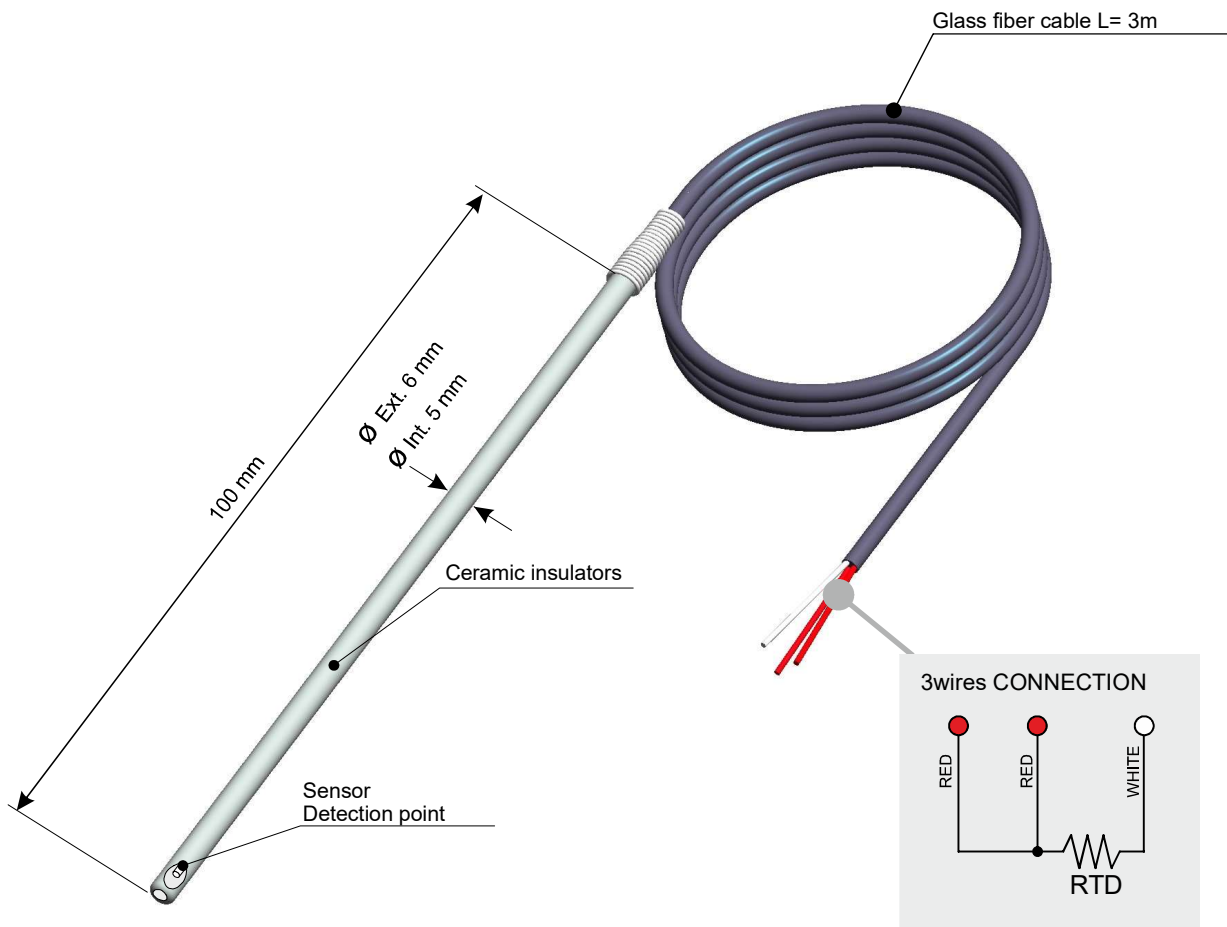
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CODE : **2000.90.395**

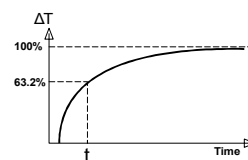
PT100B-AR/6x100-A304-0000-3,0TTS

DESCRIPTION :
PT100B air sensor 6x100 mm, 3 wires connection,
no process connection with 3m Glass fiber cable.



OPERATING TEMPERATURE :	-100°C + 250°C
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	Ceramic insulators
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	incombustible

External diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 Class B (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
300	1.8	

EASYUP CONFIGURATION

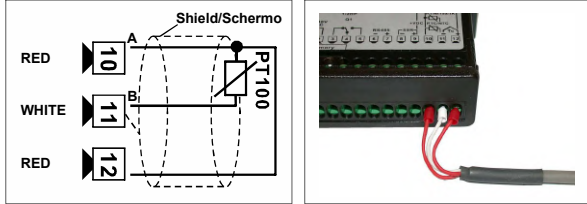
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2201

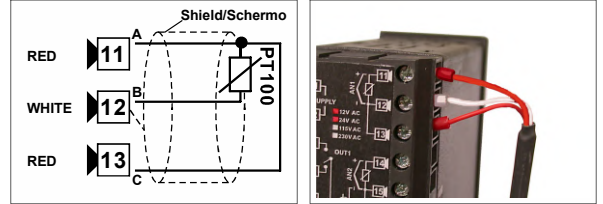
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+250°C

ATR142 CONNECTION



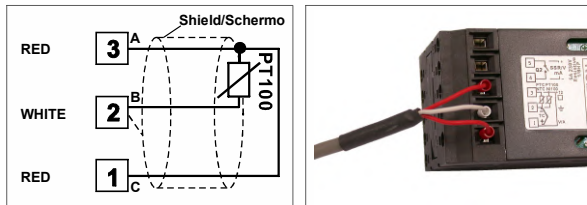
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



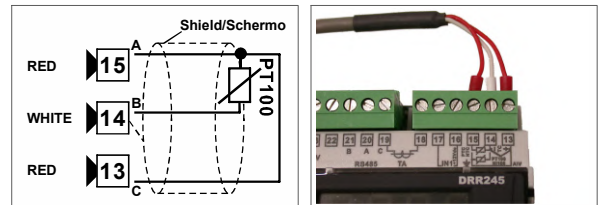
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



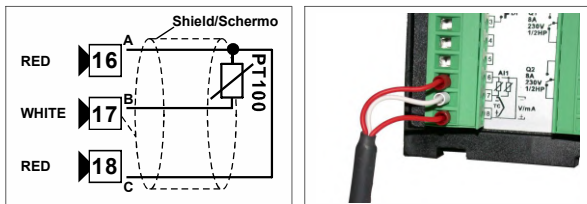
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

SLIDING JUNCTION :
(optional)

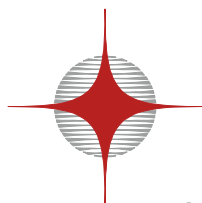
Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L





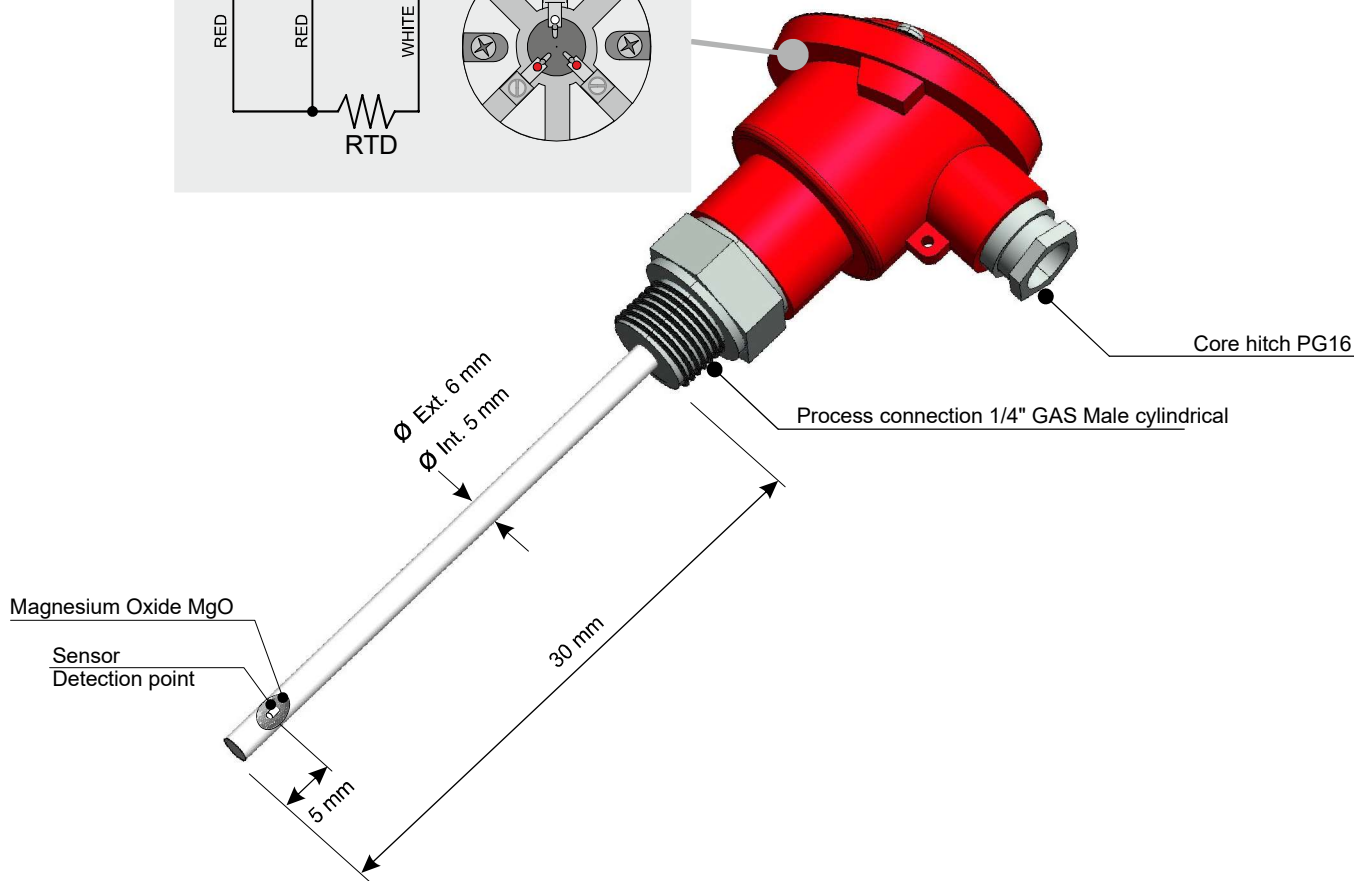
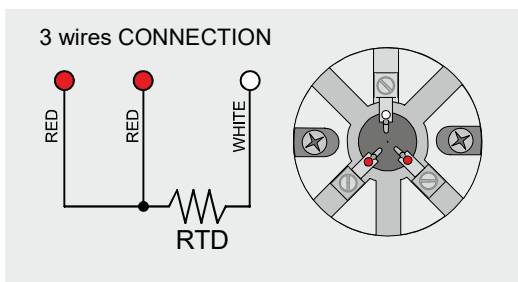
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CODE : **2000.90.530**

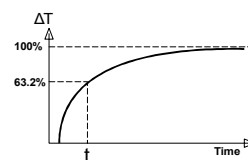
PT100B-6x30-MGO-1/4"F-DIN/B

DESCRIPTION :
PT100B sensor 6x30 mm, 3 wires connection,
process connection 1/4" GAS, male cylindrical with DIN/B head.



OPERATING TEMPERATURE :	-100°C + 500°C
HEAD MATERIAL :	Steel
IMMERSION MATERIAL :	Steel AISI 316L (food industry)
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
	300	1.8
400	2.3	
500	2.8	

EASYUP CONFIGURATION

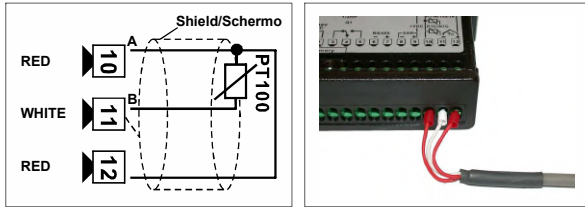
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2200

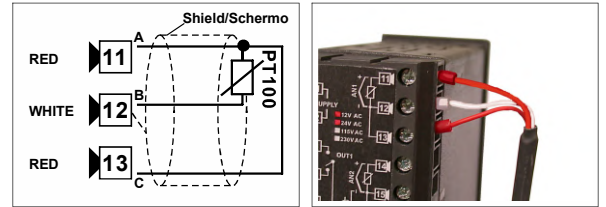
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+500°C

ATR142 CONNECTION



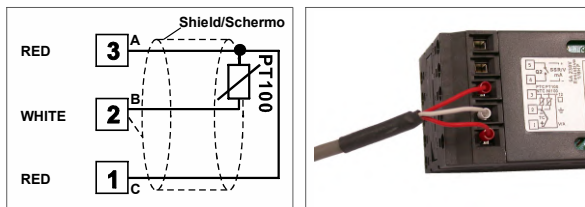
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



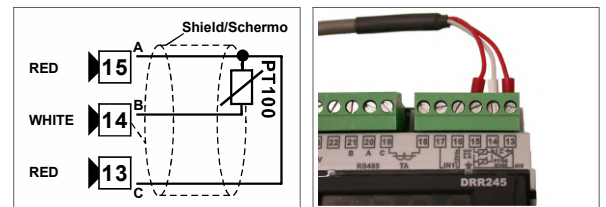
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



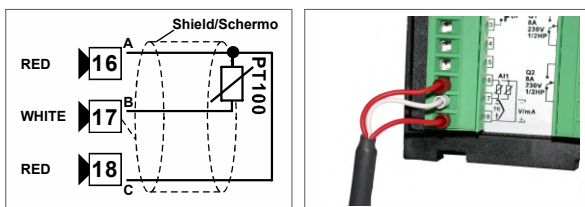
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION

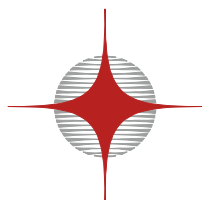


N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater



PIXSYS
electronics

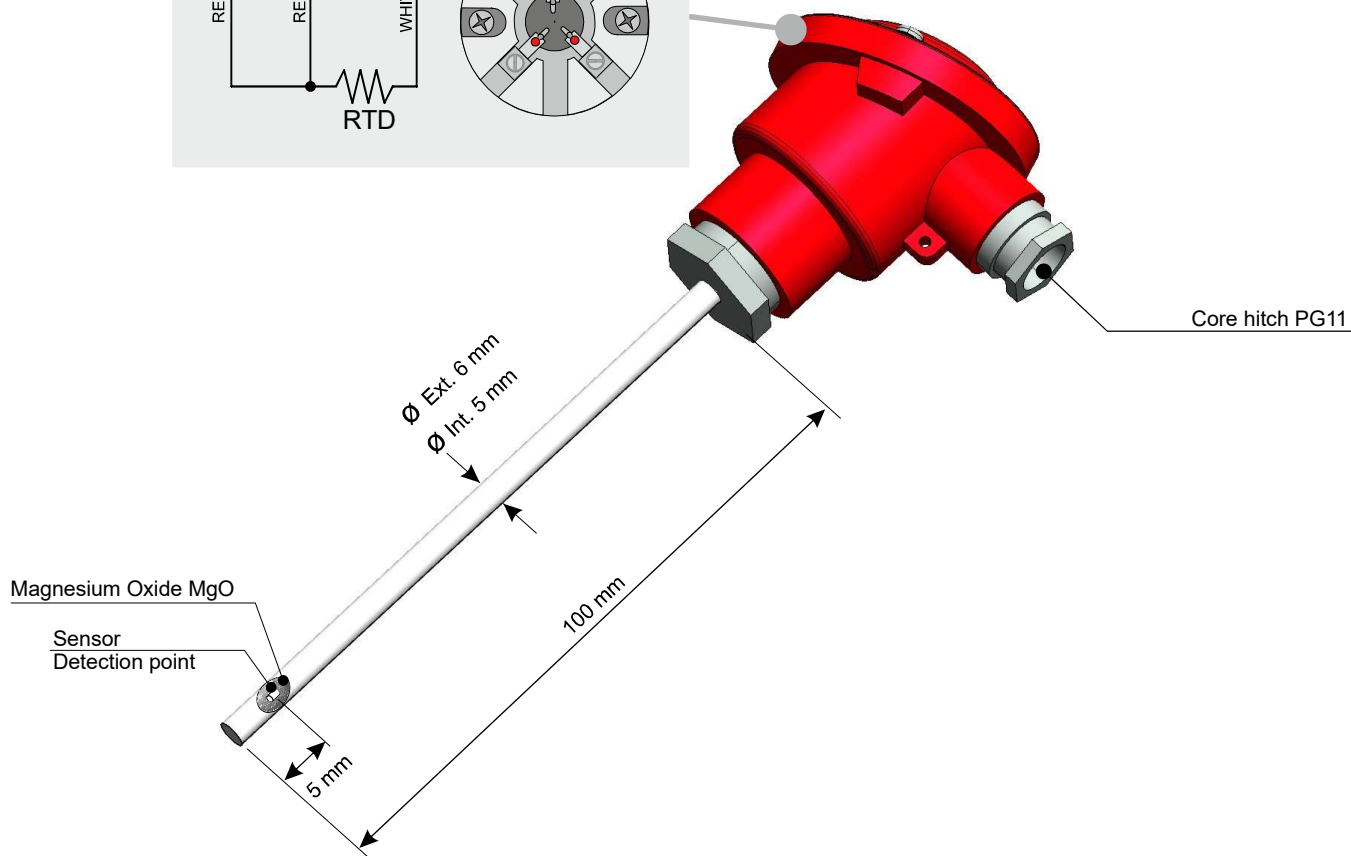
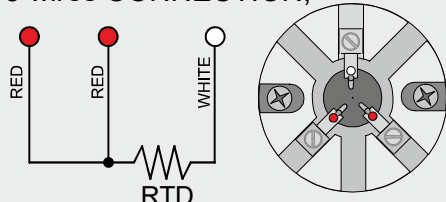
www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.90.515**

PT100B-6x100-MGO-0000-DIN/B

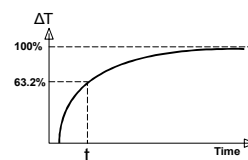
DESCRIPTION :
PT100B sensor 6x100 mm, 3 wires connection,
no process connection with head DIN/B.

3 wires CONNECTION,



OPERATING TEMPERATURE :	-100°C + 500°C
HEAD MATERIAL :	Steel
IMMERSION MATERIAL :	Steel AISI 316L (food industry)
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
	300	1.8
400	2.3	
500	2.8	

EASYUP CONFIGURATION

To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

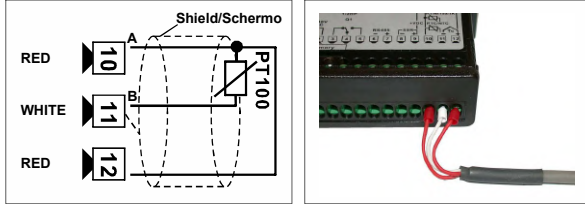
2200

SENSOR SELECTION : PT100

LOWER LIMIT : -100°C

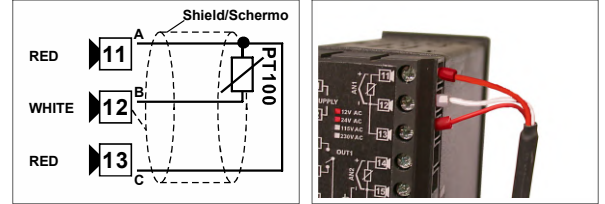
UPPER LIMIT : +500°C

ATR142 CONNECTION



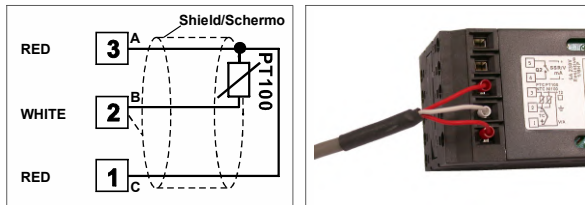
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



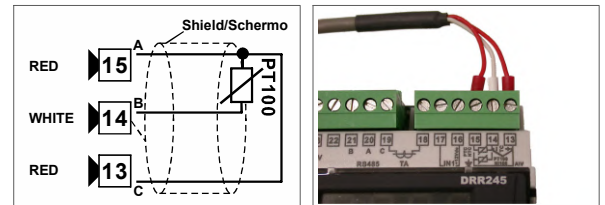
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



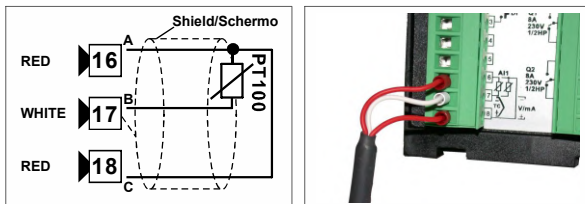
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

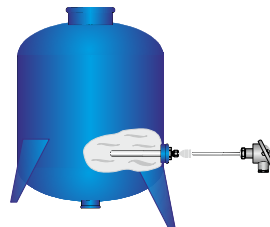
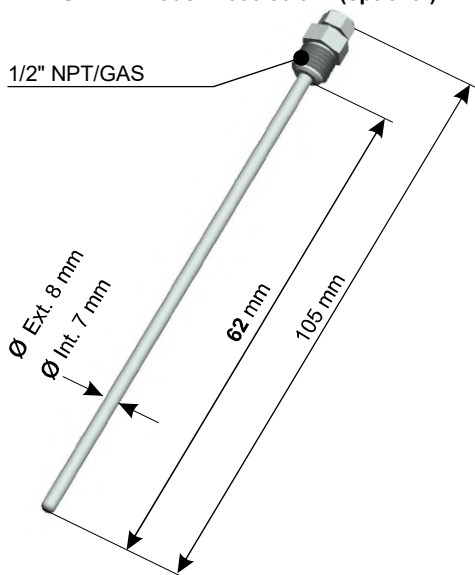
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL

THERMOWELL Code : 2000.30.017 (optional)



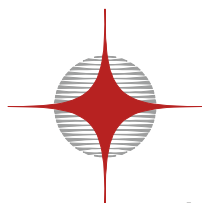
Fix thermowell to the process.

Place temperature sensor at the chosen depth, fix the junction with a 17mm spanner.

OPERATING TEMPERATURE : -100°C + 900°C

MAXIMUM OPERATING PRESSURE: 100 Bar

IMMERSION MATERIAL : Steel AISI 316L (food industry)



PIXSYS
electronics

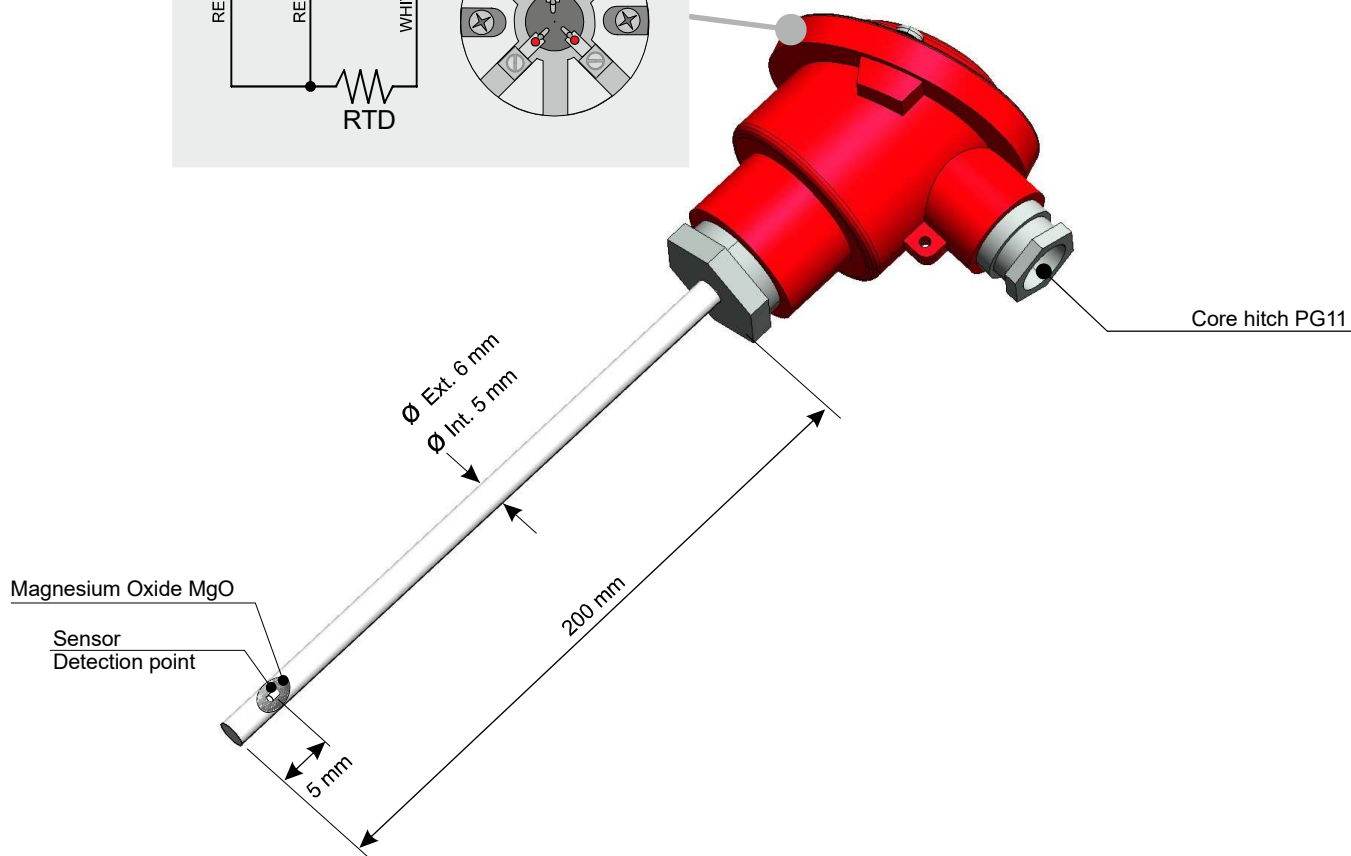
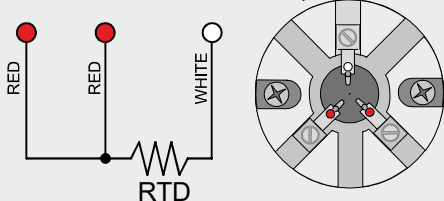
www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.95.515**

PT100B-6x100-MGO-0000-DIN/B

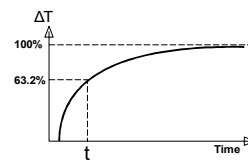
DESCRIPTION :
PT100B sensor 6x100 mm, 3 wires connection,
no process connection with head DIN/B.
Thermowell code: 2000.30.017.

3 wires CONNECTION,



OPERATING TEMPERATURE :	-100°C + 500°C
HEAD MATERIAL :	Aluminium
IMMERSION MATERIAL :	Steel AISI 316L (food industry)
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
	300	1.8
	400	2.3
	500	2.8

EASYUP CONFIGURATION

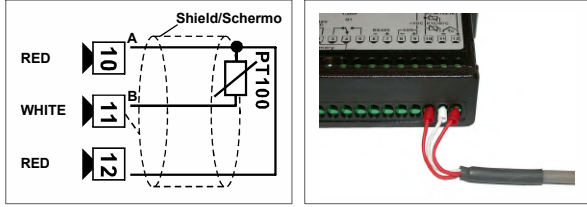
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2200

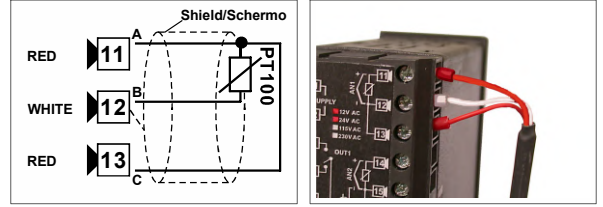
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+500°C

ATR142 CONNECTION



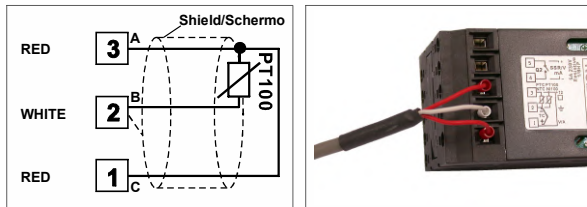
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



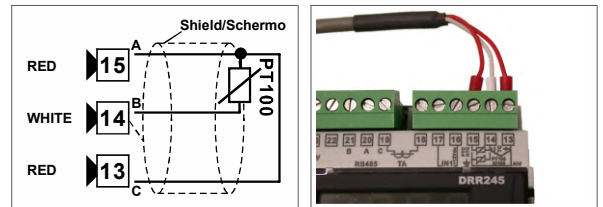
N.B. EasyUp on software version 1.01 or greater

ATR236/243 CONNECTION



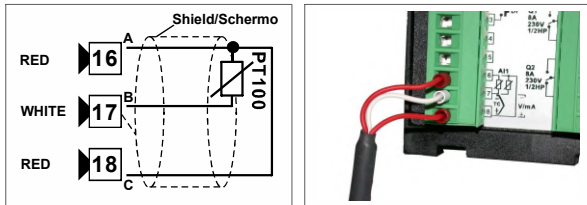
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

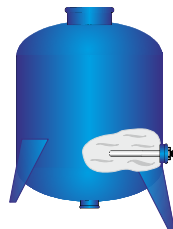
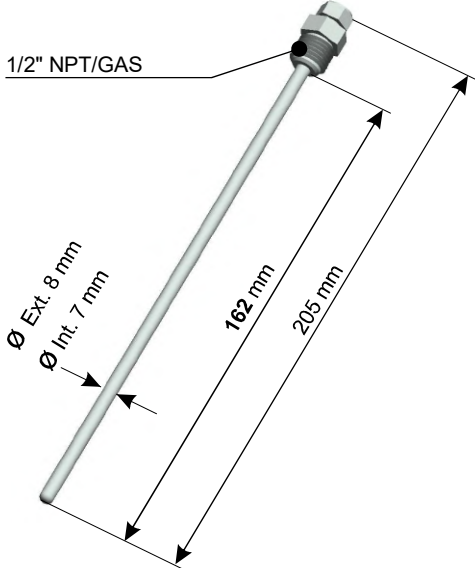
COLLEGAMENTO ATR621 / 171



N.B. EasyUp on software version 1.01 or greater

THERMOWELL

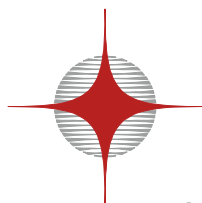
THERMOWELL Code : 2000.30.018



Fix thermowell to the process.

Place temperature sensor at the chosen depth, fix the junction with a 17mm spanner.

OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



PIXSYS
electronics

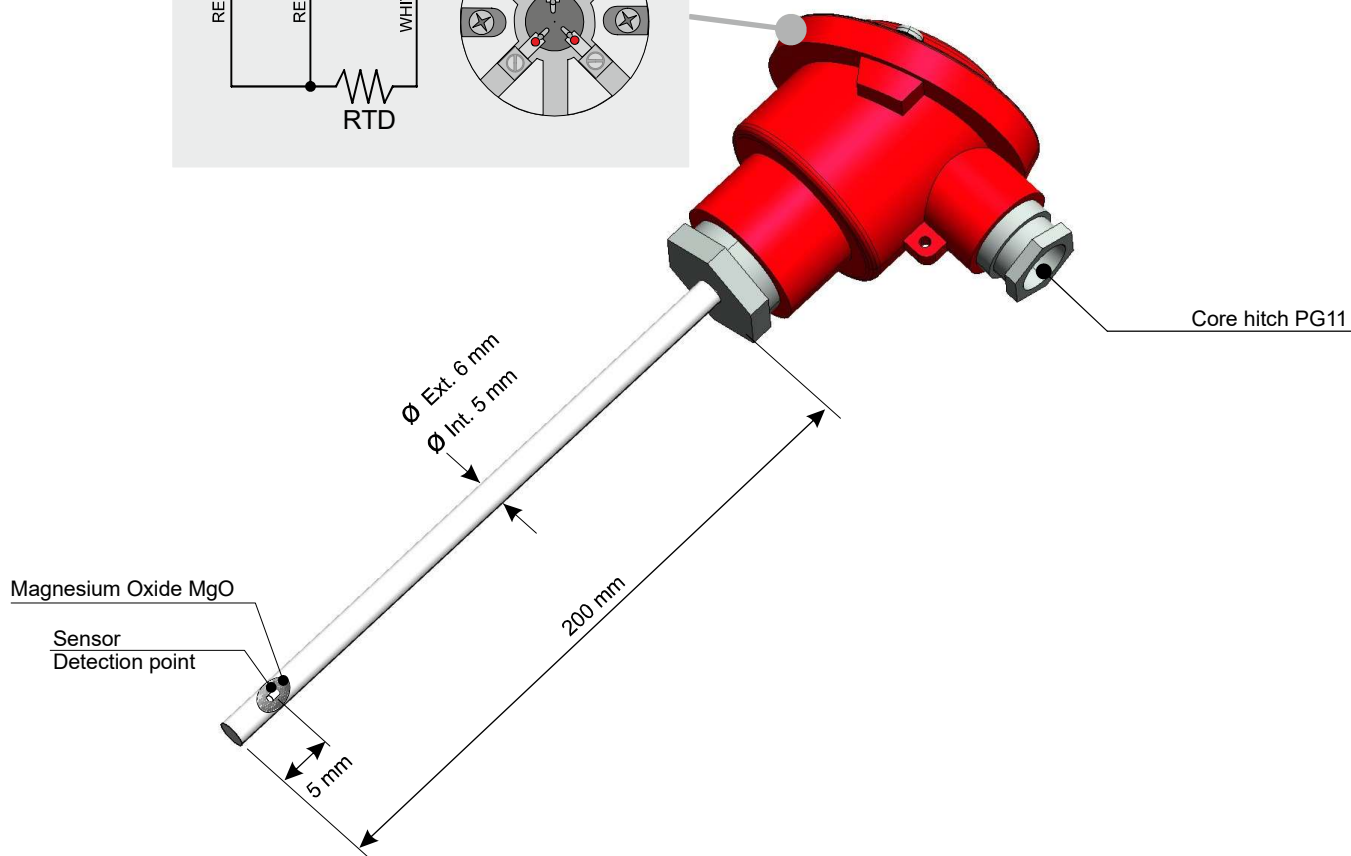
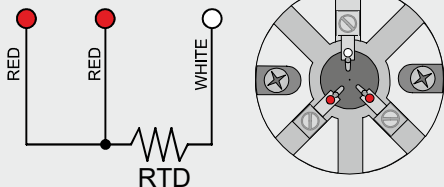
www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.90.516**

PT100B-6x200-MGO-0000-DIN/B

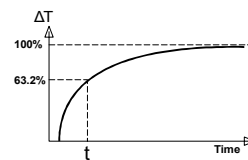
DESCRIPTION :
PT100B sensor 6x200, 3 wires connection,
no process connection with head DIN/B.

3 wires CONNECTION,



OPERATING TEMPERATURE :	-100°C + 500°C
HEAD MATERIAL :	Steel
IMMERSION MATERIAL :	Steel AISI 316L (food industry)
JUNCTION MATERIAL :	Not available
ISOLAMENTO SENSORE :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
	300	1.8
400	2.3	
500	2.8	

EASYUP CONFIGURATION

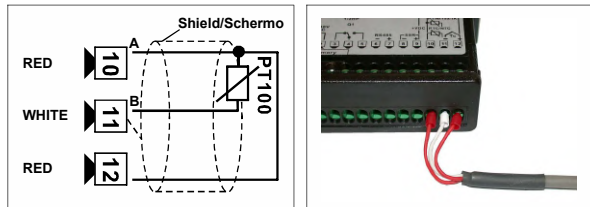
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2200

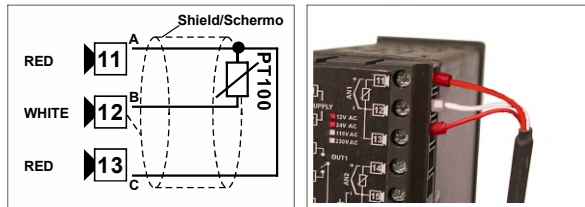
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+500°C

ATR142 CONNECTION



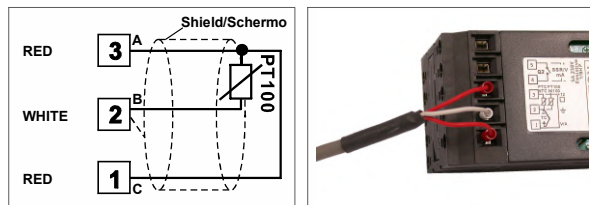
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



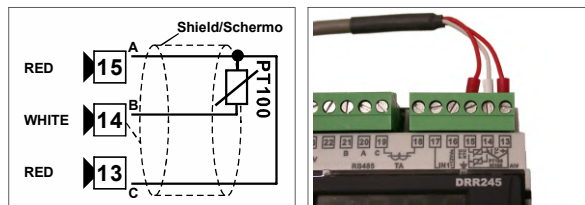
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



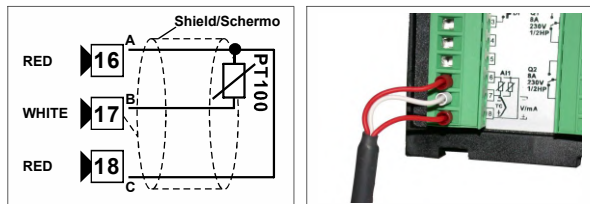
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

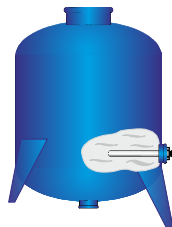
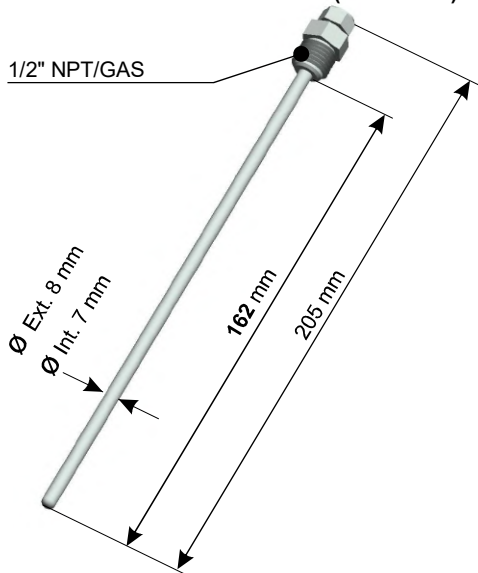
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL

THERMOWELL Code: 2000.30.018 (OPTIONAL)



Fix thermowell to the process.

Place temperature sensor at the chosen depth, fix the junction with a 17mm spanner.

OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING TEMPERATURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



PIXSYS
electronics

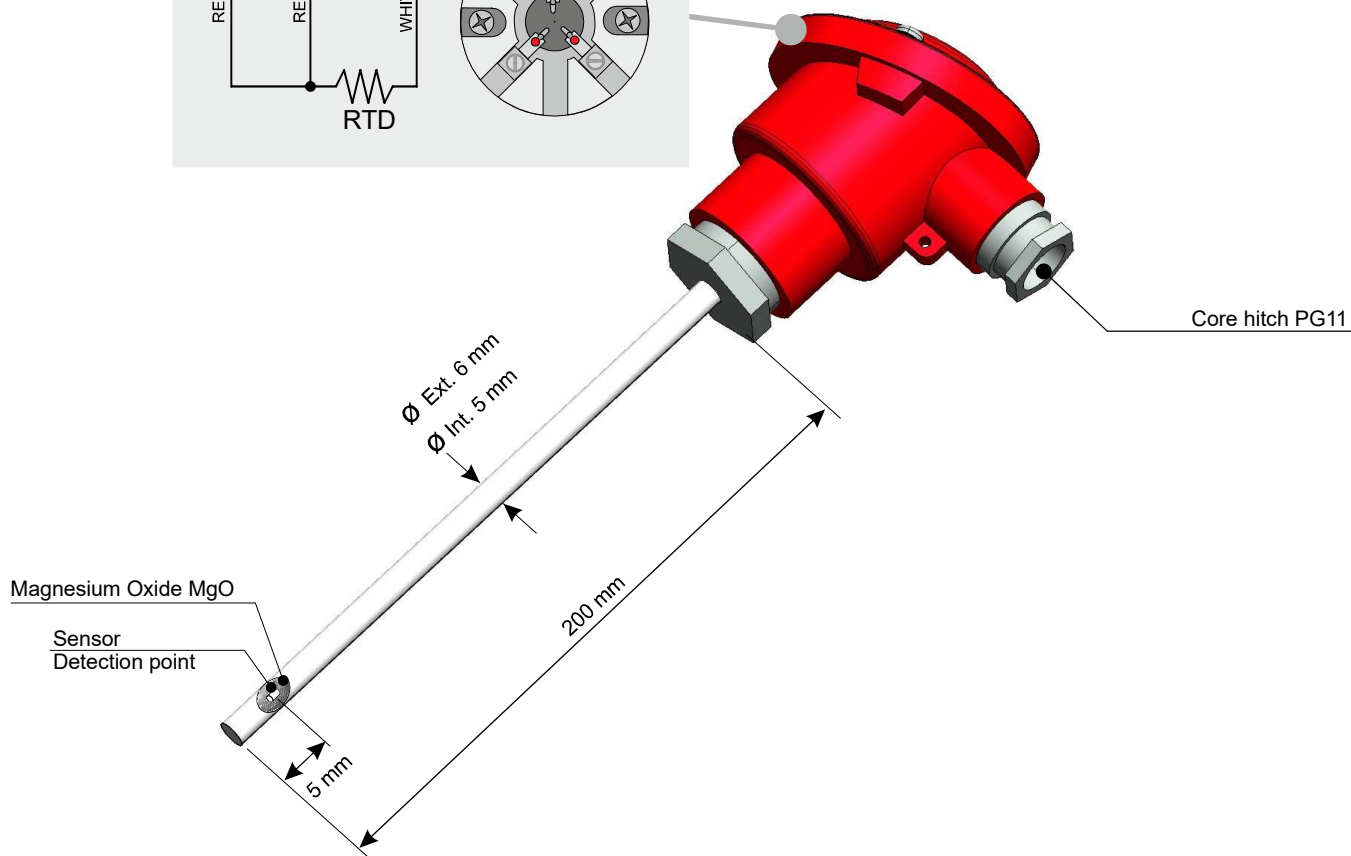
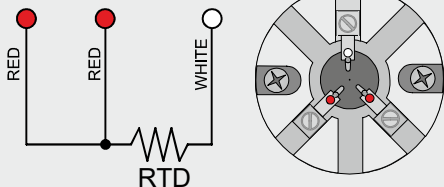
www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.95.515**

PT100B-6x100-MGO-0000-DIN/B

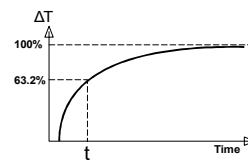
DESCRIPTION :
PT100B sensor 6x100 mm, 3 wires connection,
no process connection with head DIN/B.
Thermowell code: 2000.30.017.

3 wires CONNECTION,



OPERATING TEMPERATURE :	-100°C + 500°C
HEAD MATERIAL :	Aluminium
IMMERSION MATERIAL :	Steel AISI 316L (food industry)
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
	300	1.8
	400	2.3
	500	2.8

EASYUP CONFIGURATION

To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

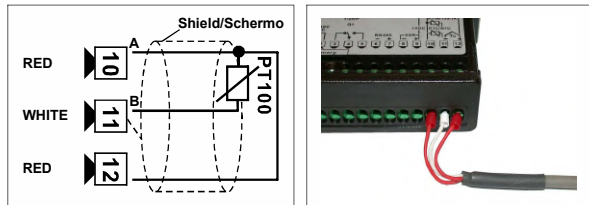
2200

SENSOR SELECTION : PT100

LOWER LIMIT : -100°C

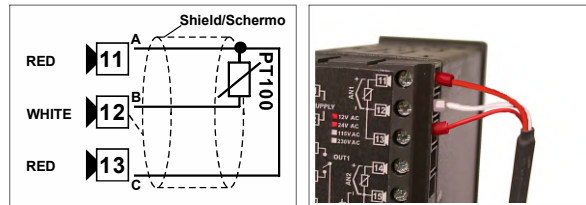
UPPER LIMIT : +500°C

ATR142 CONNECTION



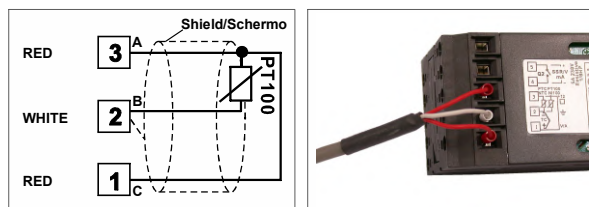
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



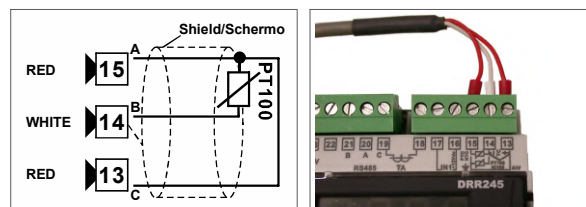
N.B. EasyUp on software version 1.01 or greater

ATR236/243 CONNECTION



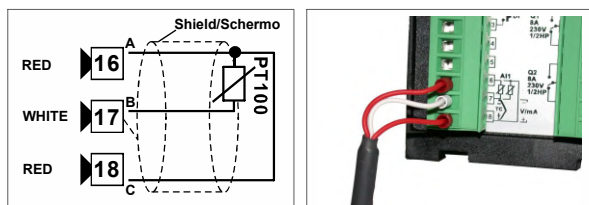
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

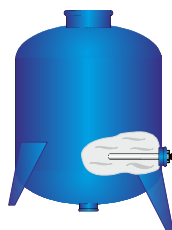
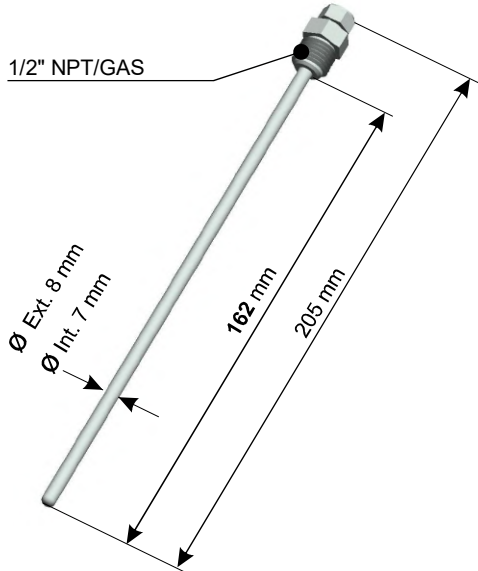
COLLEGAMENTO ATR621 / 171



N.B. EasyUp on software version 1.01 or greater

THERMOWELL

THERMOWELL Code : 2000.30.017



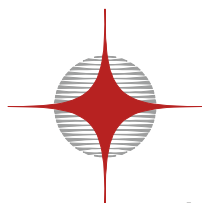
Fix thermowell to the process.

Place temperature sensor at the chosen depth, fix the junction with a 17mm spanner.

OPERATING TEMPERATURE : -100°C + 900°C

MAXIMUM OPERATING PRESSURE : 100 Bar

IMMERSION MATERIAL : Steel AISI 316L (food industry)



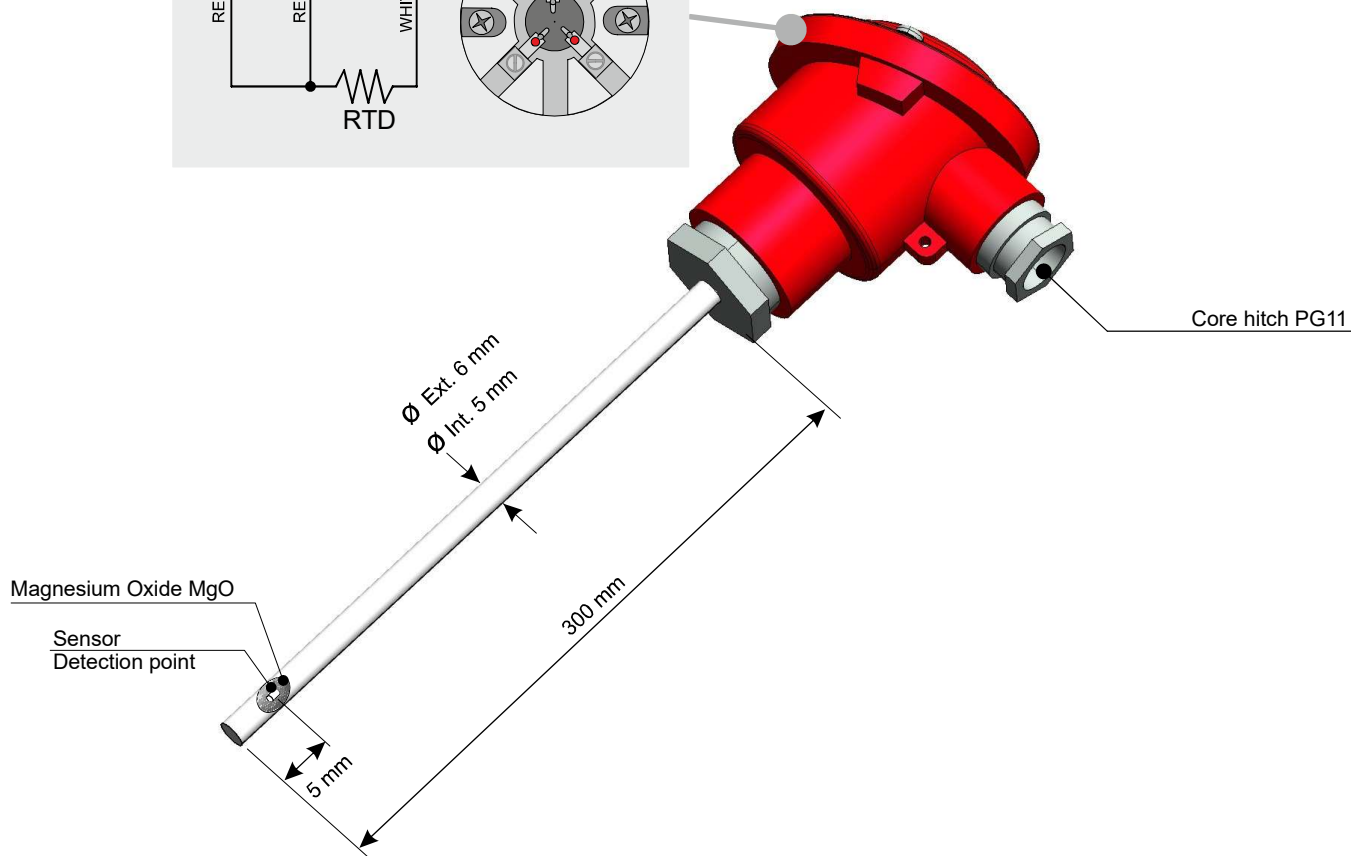
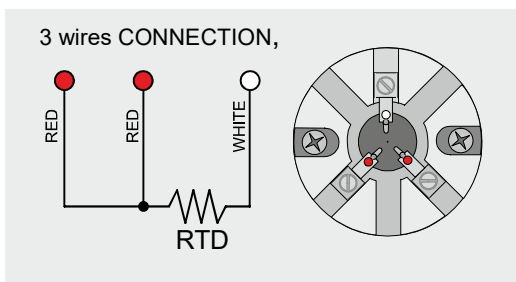
PIXSYS
electronics

www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.90.517**

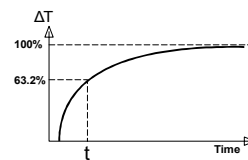
PT100B-6x300-MGO-0000-DIN/B

DESCRIPTION :
PT100B sensor 6x300 mm, 3 wires connection,
no process connection with head DIN/B.



OPERATING TEMPERATURE :	-100°C + 500°C
HEAD MATERIAL :	Steel
IMMERSION MATERIAL :	Steel AISI 316L (food industry)
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50 mm water immersion at 1m/sec speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
	300	1.8
400	2.3	
500	2.8	

EASYUP CONFIGURATION

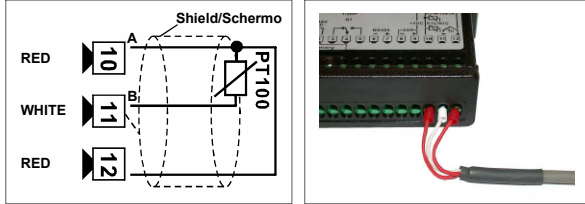
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2200

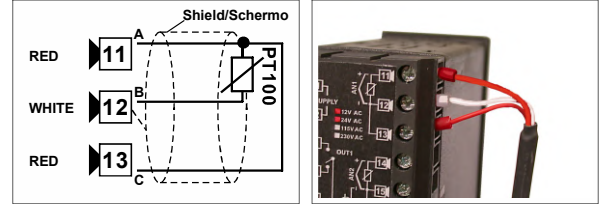
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+500°C

ATR142 CONNECTION



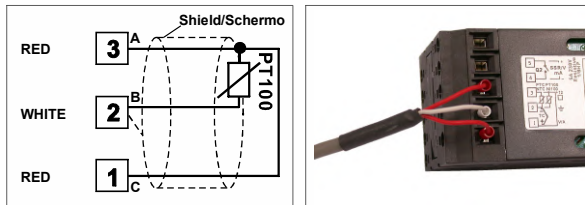
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



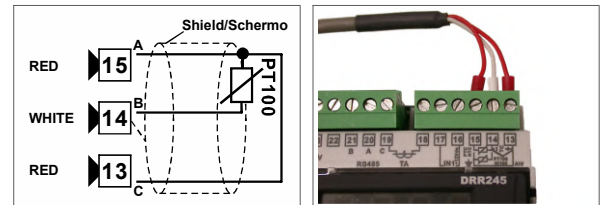
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



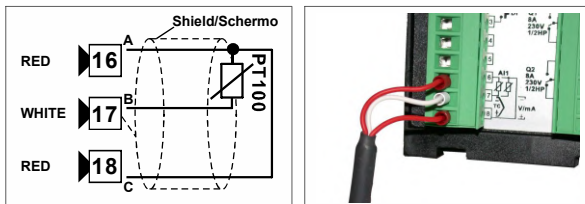
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

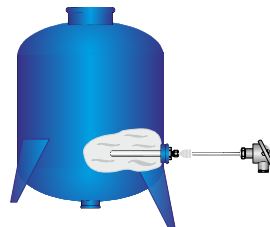
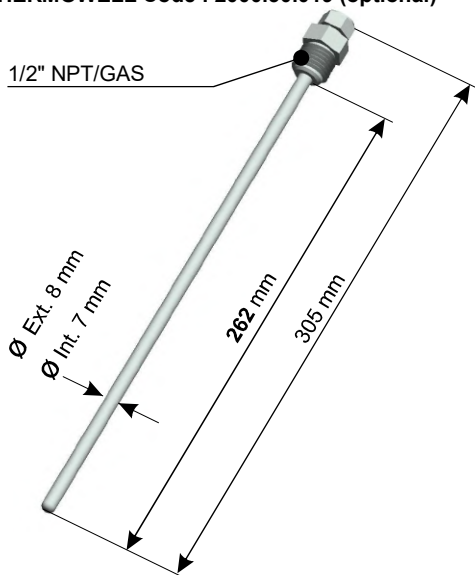
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL

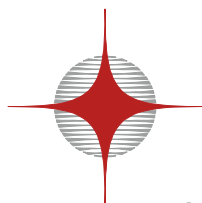
THERMOWELL Code : 2000.30.019 (optional)



Fix thermowell to the process.

Place temperature sensor at the chosen depth, fix the junction with a 17mm spanner.

OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING TEMPERATURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



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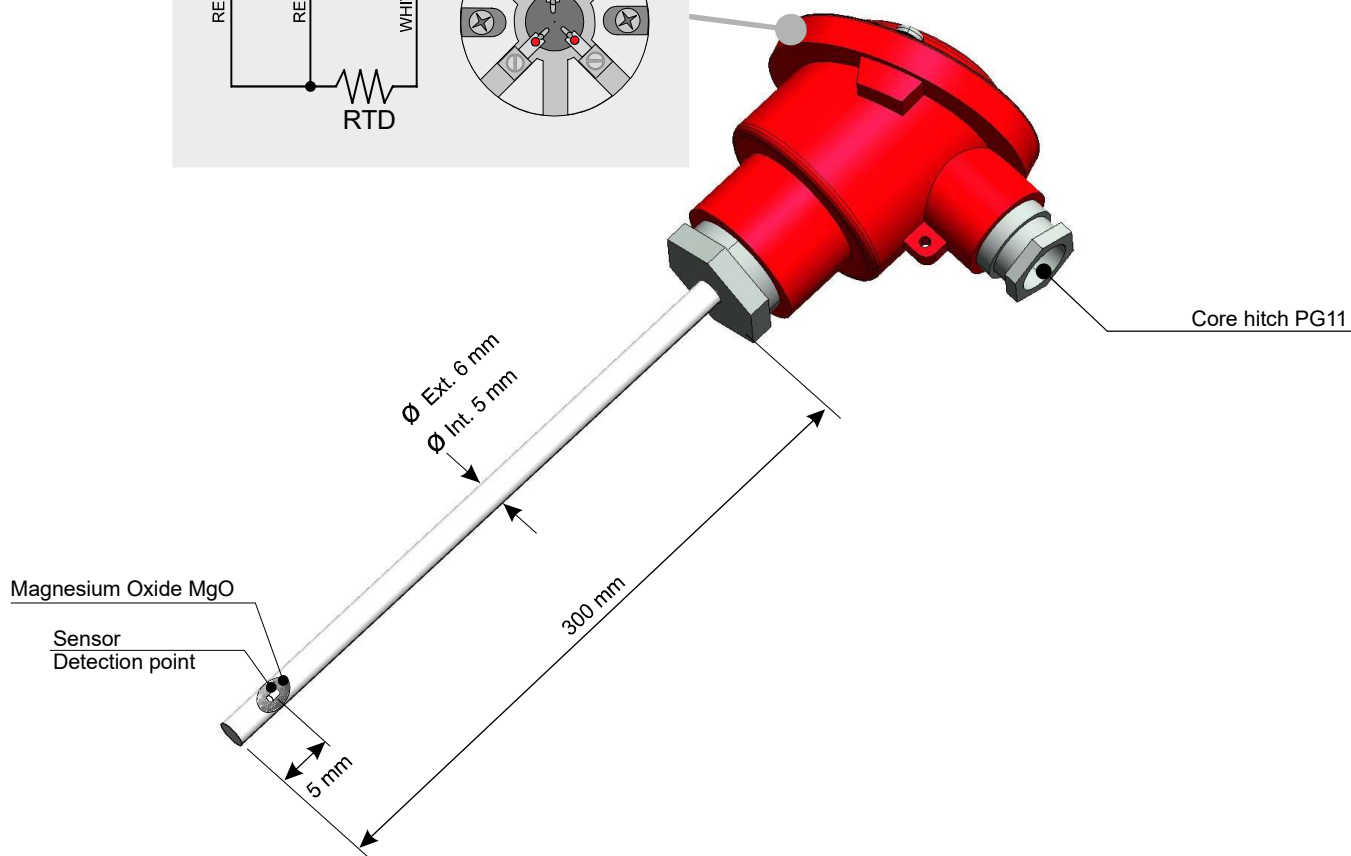
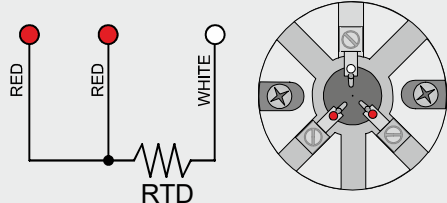
www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.95.517**

PT100B-6x300-MGO-0000-DIN/B

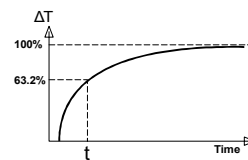
DESCRIPTION :
PT100B sensor 6x300 mm, 3 wires,
no process connection with head DIN/B.
Thermowell code: 2000.30.019.

3 wires CONNECTION



OPERATING TEMPERATURE :	-100°C + 500°C
HEAD MATERIAL :	Aluminium
IMMERSION MATERIAL :	Steel AISI 316L (food industry)
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide > 20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO

Response time of RTD with tube in steel AISI-316/304 MgO insulated, according to B.S. 1904/1984/CEI60751. 50mm water immersion at 1m/sec speed calculated on 63,2% of thermal gradient, according to stem diameter and thickness.



CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

External Diameter	Internal diameter	t=Time
6 mm	5 mm	6,5 S
8 mm	7 mm	8,3 S
10 mm	9 mm	10,2 S

ACCORDING TO DIN EN 60751	TEMPERATURE	TOLERANCE
	°C	PT100 B Class (+/-°C)
	-200	1.3
	-100	0.8
	0	0.3
	100	0.8
	200	1.3
	300	1.8
	400	2.3
	500	2.8

EASYUP CONFIGURATION

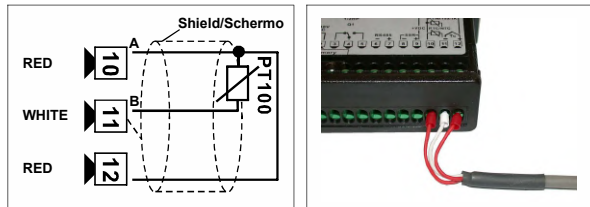
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2200

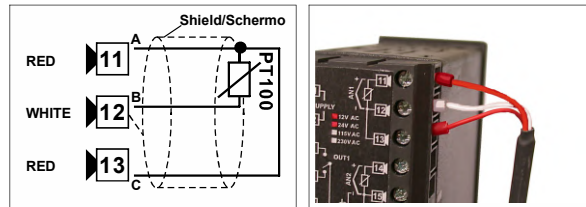
SENSOR SELECTION :	PT100
LOWER LIMIT :	-100°C
UPPER LIMIT :	+500°C

ATR142 CONNECTION



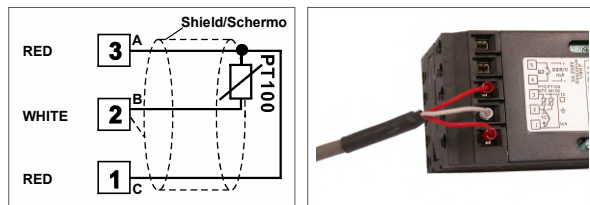
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



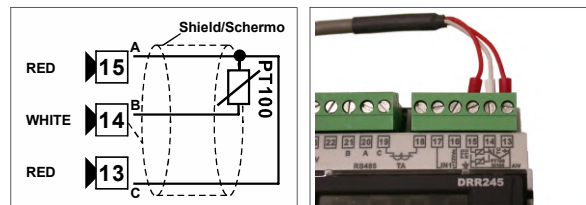
N.B. EasyUp on software version 1.01 or greater

ATR236/243 CONNECTION



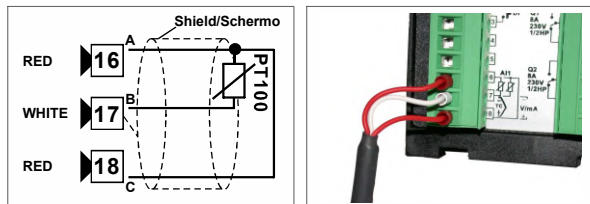
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

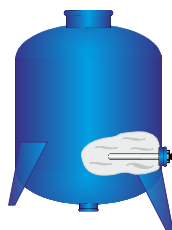
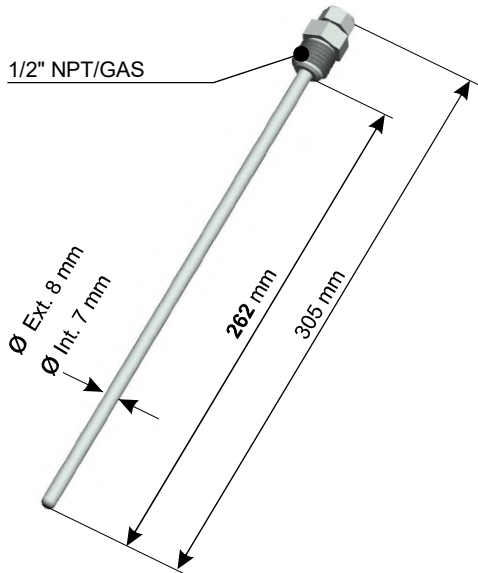
ATR621/171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL

THERMOWELL Code : 2000.30.019



Fix thermowell to the process.

Place temperature sensor at the chosen depth, fix the junction with a 17mm spanner.

OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



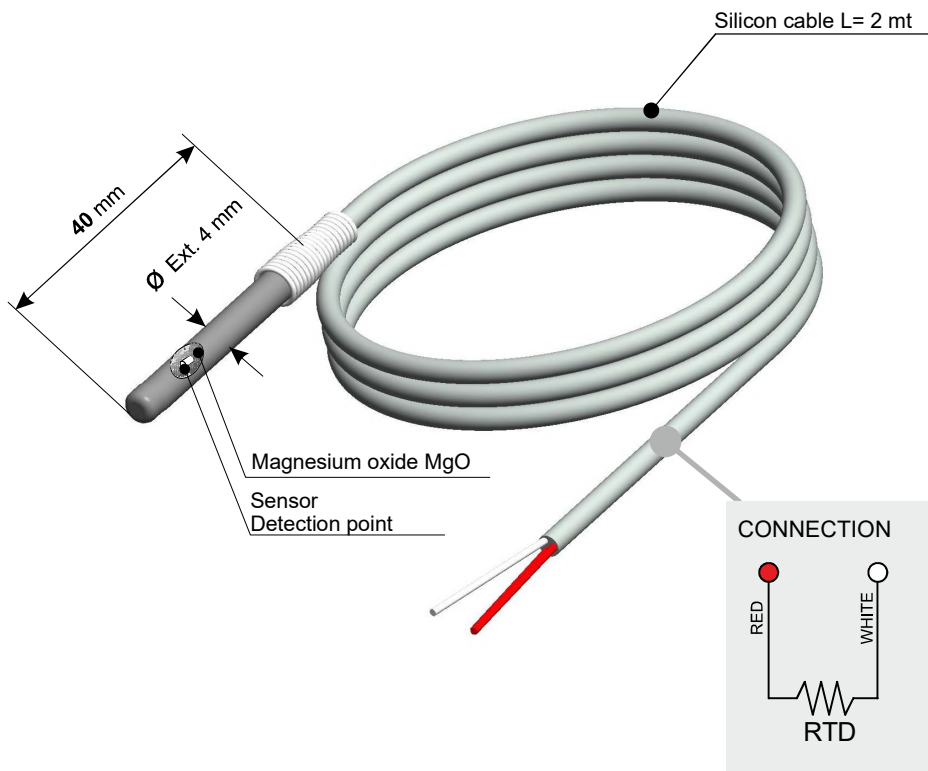
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CODE : **2000.90.232**

PT1000B-4x40-A304-0000-2,0GSC

DESCRIPTION :
PT1000B sensor 4x40 mm,
no process connection with 2m silicon cable



OPERATING TEMPERATURE :	-50°C + 110°C
SENSOR :	PT1000B 0,12% 1000 Ohm at 0°C (-50°C ...+500°C)
IMMERSION MATERIAL :	Steel AISI 304
RESPONSE TIME :	15 sec.
SENSOR INSULATION :	MgO Magnesium oxide >20Mohm at 25°C (500Vdc)
ACCURACY :	According to IEC 751
CERTIFICATION :	NO
CABLE MATERIAL :	Silicon GSC
SEALING :	IP44 with TTS cable / IP67 with resine

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

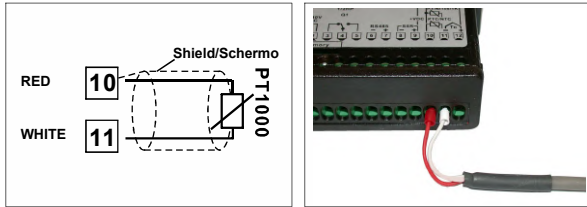
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2250

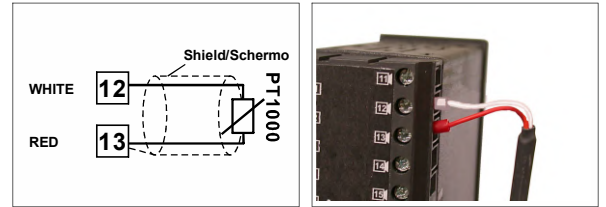
SENSOR SELECTION :	PT1000
LOWER LIMIT :	-50°C
UPPER LIMIT :	+110°C

ATR142 CONNECTION



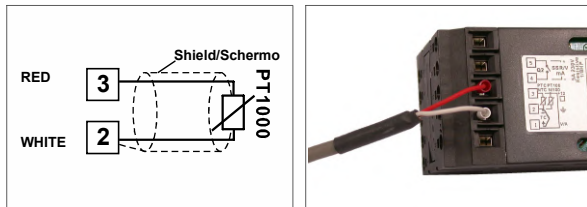
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



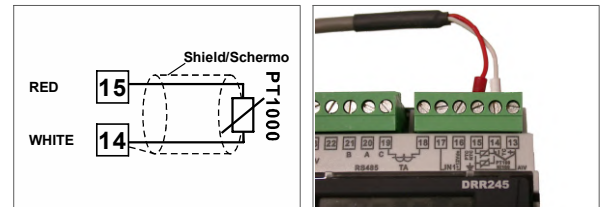
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



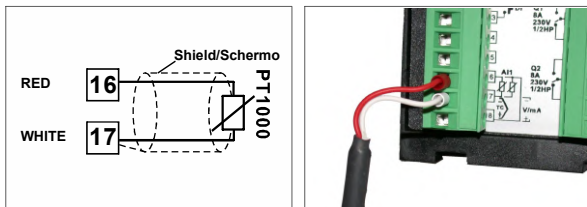
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION

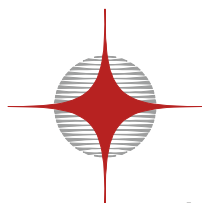


N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater



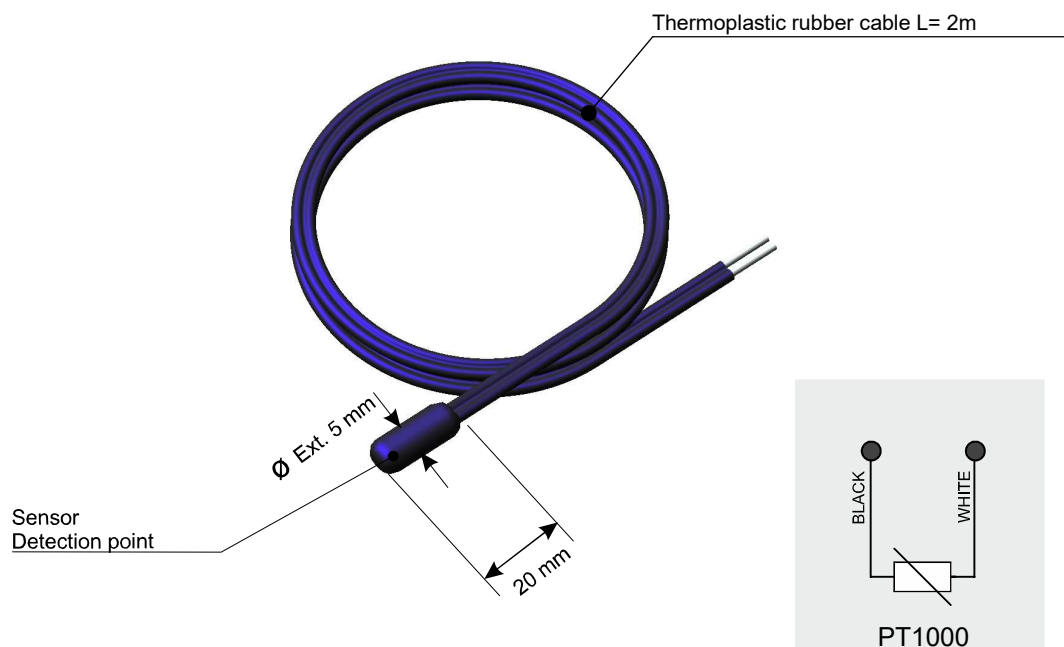
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electronics

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CODE : **2000.90.233**

PT1000B-5x20-COST-0000-2,0GTP

DESCRIPTION :
PT1000B sensor 5x20 mm, Moulded
no process connection with 2m thermoplastic rubber cable.



OPERATING TEMPERATURE :	-50°C + 110°C
SENSOR :	PT1000B 0,12% 1000 Ohm at 0°C (-50°C ...+500°C)
IMMERSION MATERIAL :	Thermoplastic rubber
RESPONSE TIME :	15 sec.
SENSOR INSULATION :	Not available
ACCURACY :	According to IEC 751
CERTIFICATION :	NO
CABLE MATERIAL :	GTP Bleu thermoplastic rubber
SEALING :	IP68

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	incombustible

EASYUP CONFIGURATION

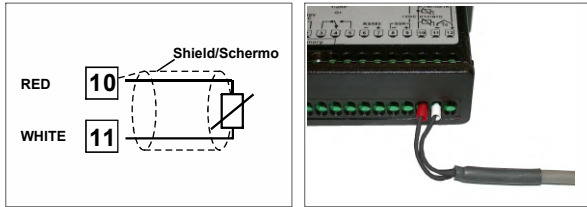
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2250

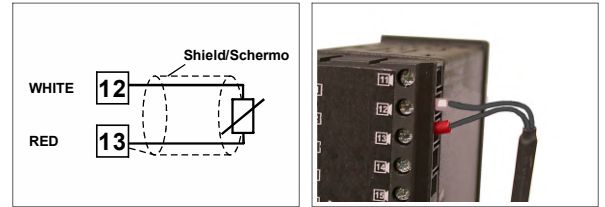
SENSOR SELECTION :	PT1000
LOWER LIMIT :	-50°C
UPPER LIMIT :	+110°C

ATR142 CONNECTION



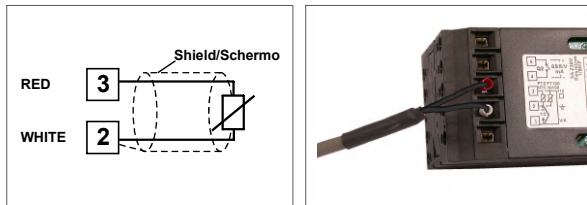
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



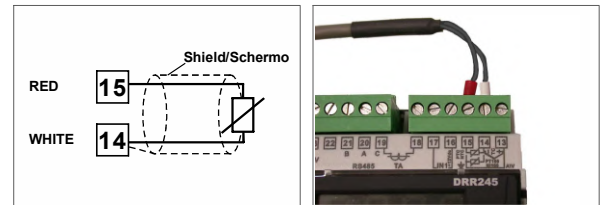
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



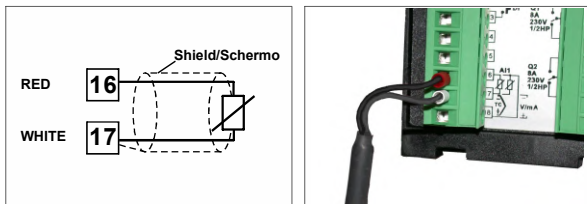
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION

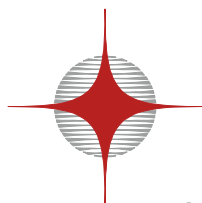


N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater



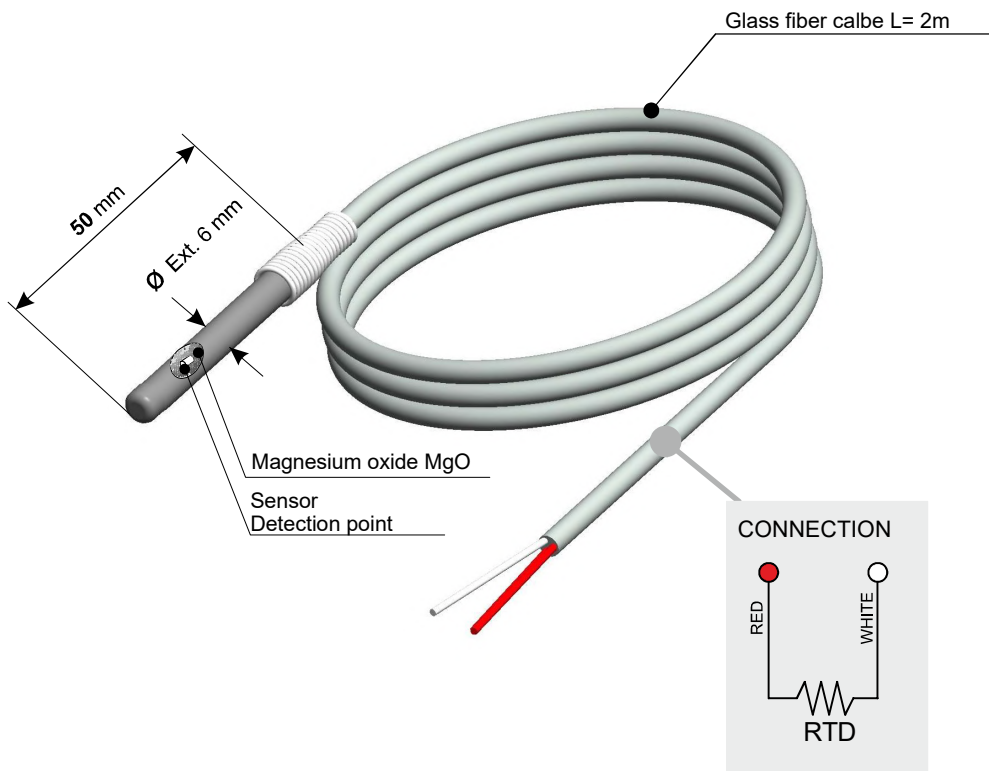
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CODE : **2000.90.234**

PT1000B-6x50-A304-0000-2,0TTS

DESCRIPTION :
PT1000B sensor 6x50 mm,
no process connection with 2m glass fiber cable.



OPERATING TEMPERATURE :	-50°C + 300°C
SENSOR :	PT1000B 0,12% 1000 Ohm at 0°C (-50°C ...+500°C)
IMMERSION MATERIAL :	Steel AISI 304
RESPONSE TIME :	15 sec.
SENSOR INSULATION :	MgO Magnesium oxide >20Mohm @ 25°C (500Vdc)
ACCURACY :	According to IEC 751
CERTIFICATION :	NO
CABLE MATERIAL :	TTS glass fiber
SEALING :	IP44 with TTS cable

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	incombustible

EASYUP CONFIGURATION

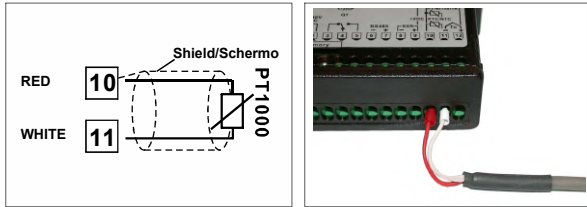
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2251

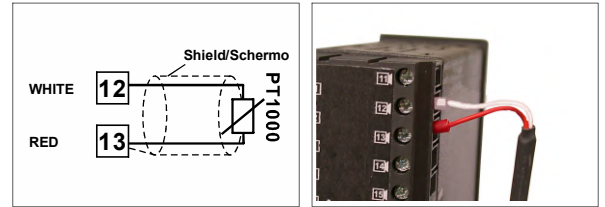
SENSOR SELECTION :	PT1000
LOWER LIMIT :	-50°C
UPPER LIMIT :	+300°C

ATR142 CONNECTION



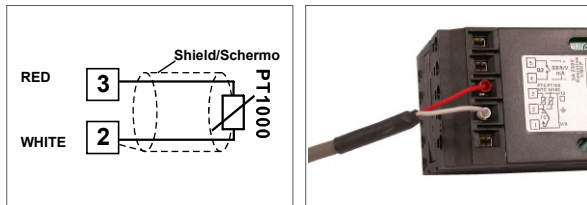
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



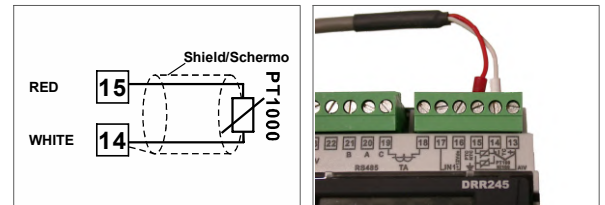
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



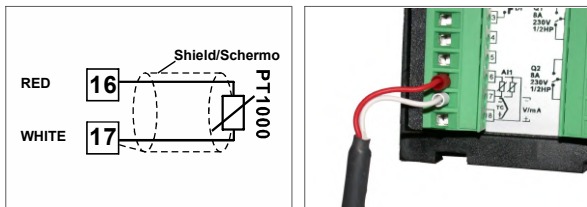
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION

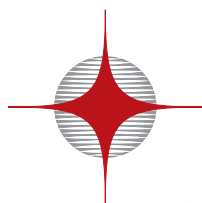


N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater



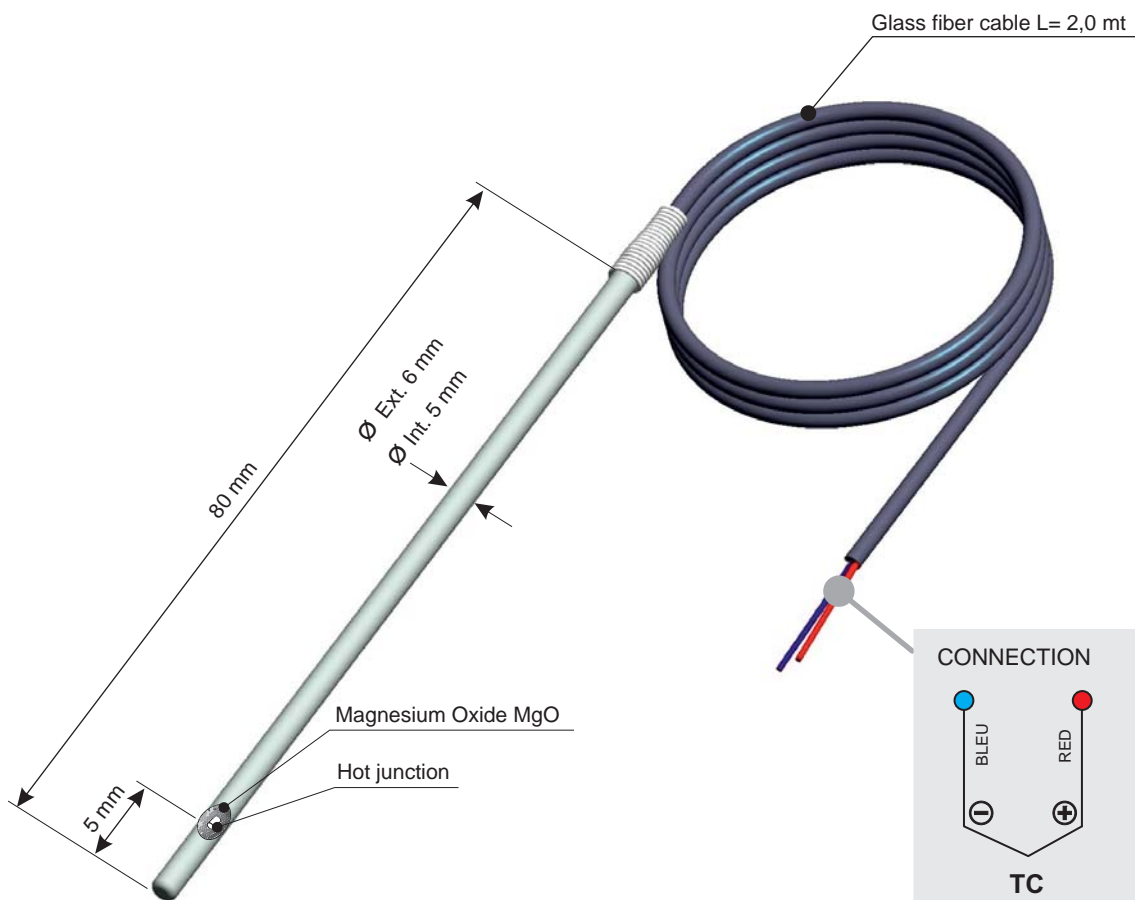
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CODE : **2000.90.523**

TCJ-6x80-A304-0000-2,0TTS-1,02

DESCRIPTION :
TCJ 6x80 mm,
no process connection with 2m glass fiber cable.



OPERATING TEMPERATURE :	-100 +400°C
JUNCTION :	Ferro - Constantan Wire diameter 1.02
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber
ACCORDING TO :	DIN 43710

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

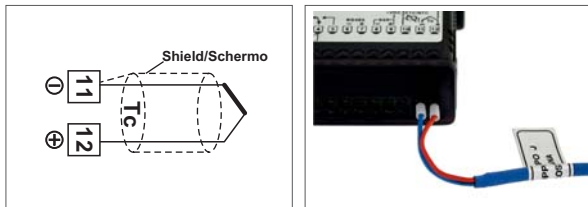
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2301

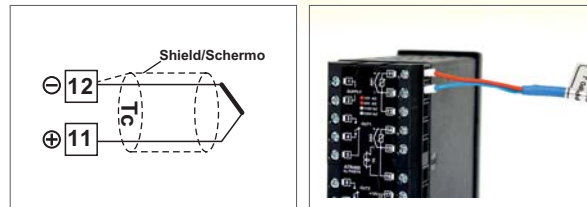
SENSOR SELECTION :	TCJ
LOWER LIMIT :	-100°C
UPPER LIMIT :	+400°C

ATR142 CONNECTION



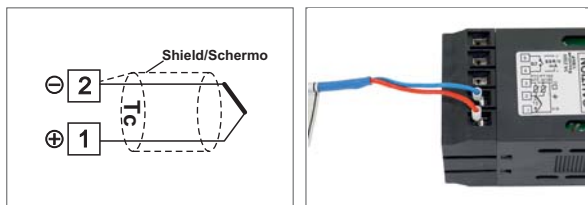
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



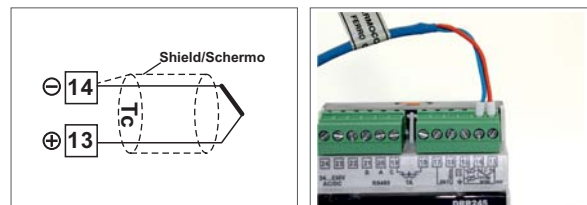
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



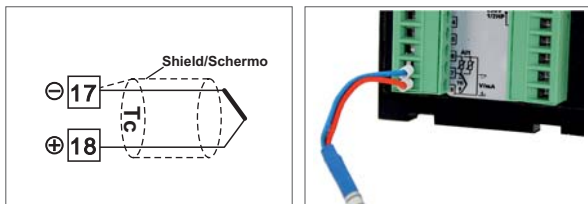
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

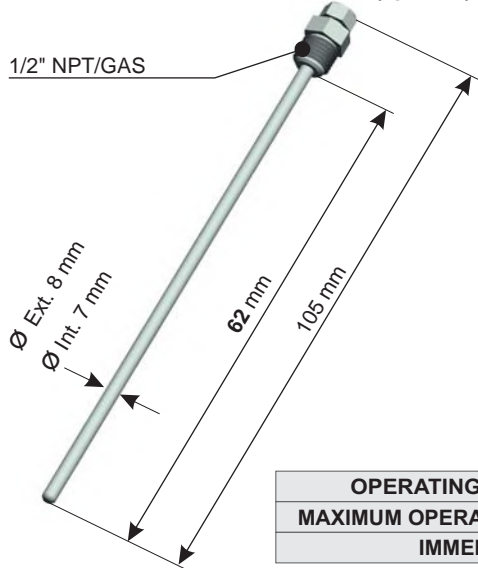
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

THERMOWELL Code : 2000.30.017 (optional)



SLIDING JUNCTION : (optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

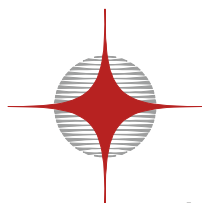
Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L



OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



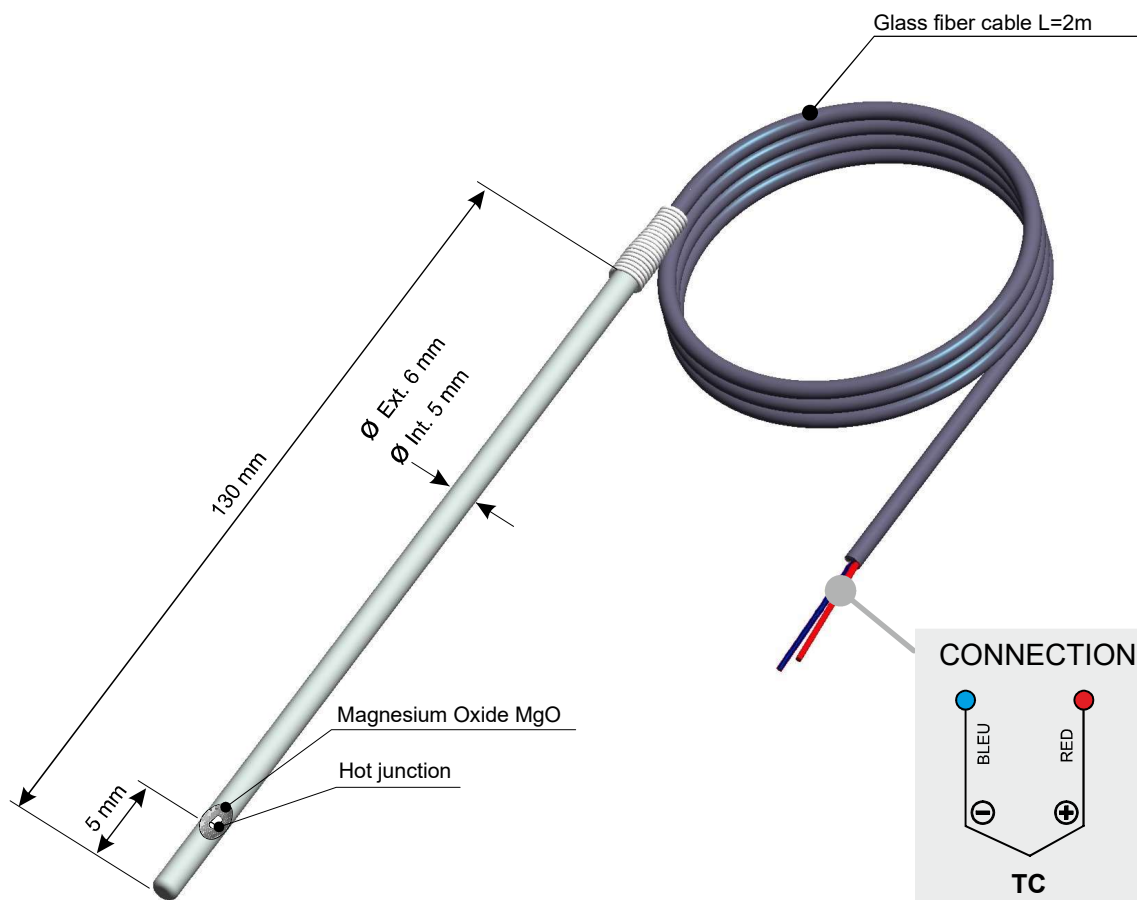
PIXSYS
electronics

www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.90.524**

TCJ-6x130-A304-0000-2,0TTS-1,02

DESCRIPTION :
TCJ sensor, 6x130 mm,
no process connection with 2m glass fiber cable.



OPERATING TEMPERATURE :	-100 +400°C
JUNCTION :	Iron - Constantan Wire diameter 1.02
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber
ACCORDING TO :	DIN 43710

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURA [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

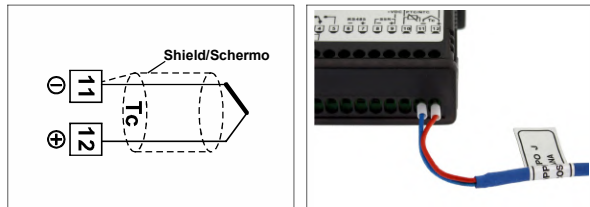
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2301

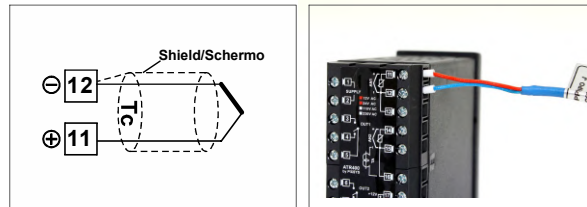
SENSOR SELECTION :	TCJ
LOWER LIMIT :	-100°C
UPPER LIMIT :	+400°C

ATR142 CONNECTION



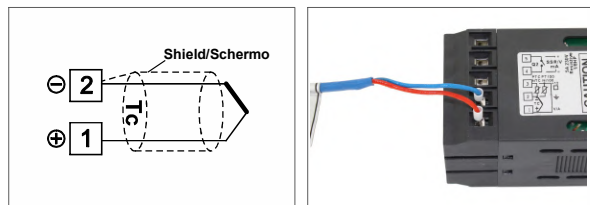
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



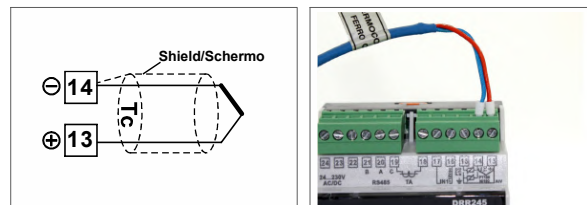
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



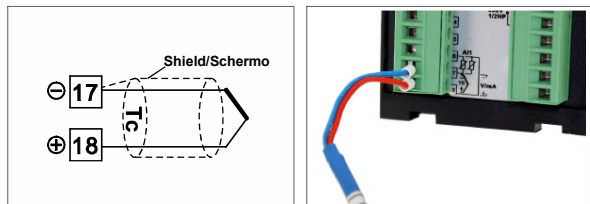
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

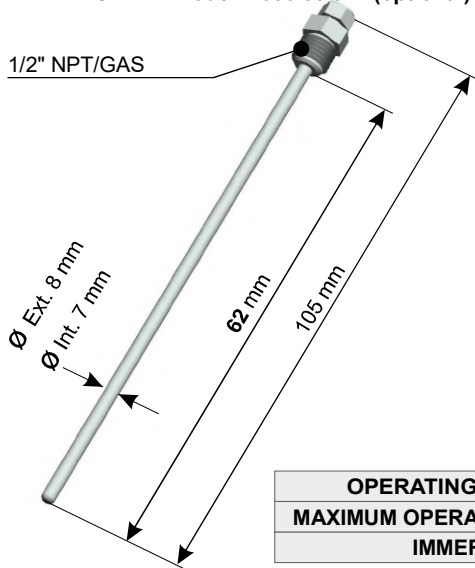
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

THERMOWELL Code : 2000.30.017 (optional)



SLIDING JUNCTION (optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

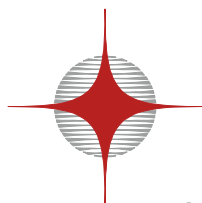
Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L



OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



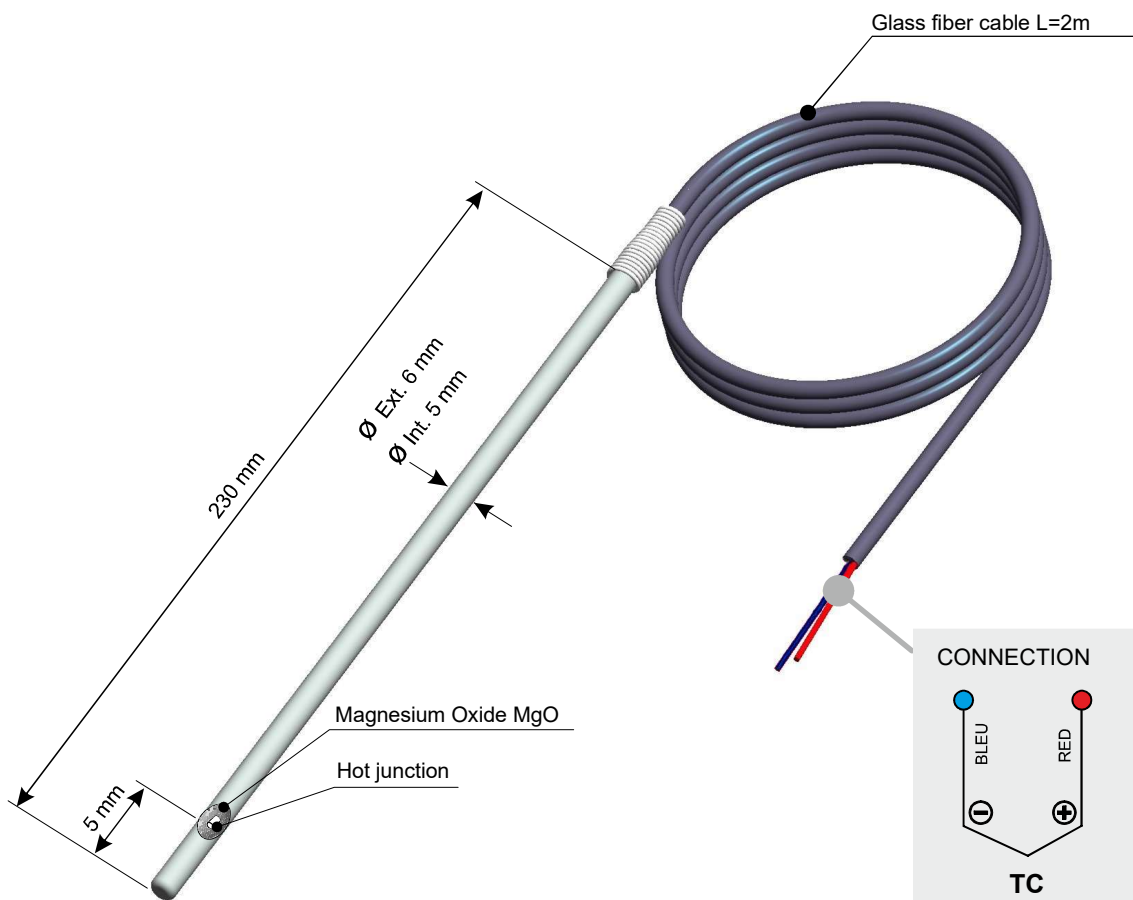
PIXSYS
electronics

www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.90.525**

TCJ-6x230-A304-0000-2,0TTS-1,02

DESCRIPTION :
TCJ sensor 6x230 mm,
no process connection with 2m glass fiber cable.



OPERATING TEMPERATURE :	-100 +400°C
JUNCTION :	Iron - Constantan (Wire diameter 1.02)
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber
ACCORDING TO :	DIN 43710

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2301

SENSOR SELECTION :

TCJ

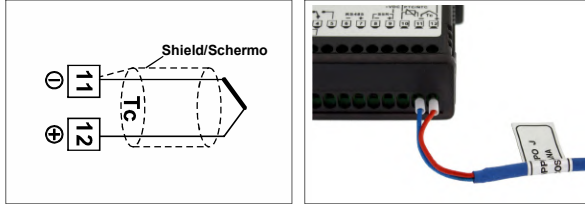
LOWER LIMIT :

-100°C

UPPER LIMIT :

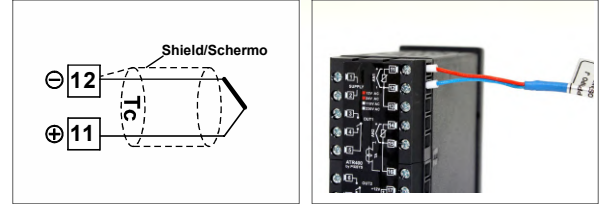
+400°C

ATR142 CONNECTION



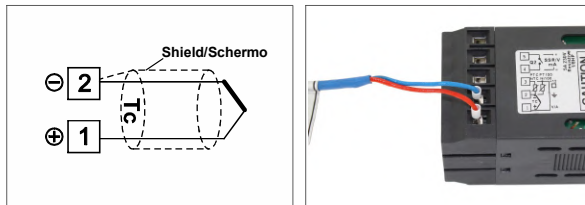
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



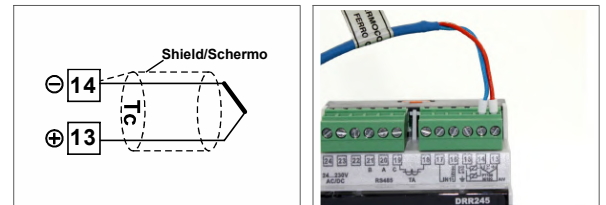
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



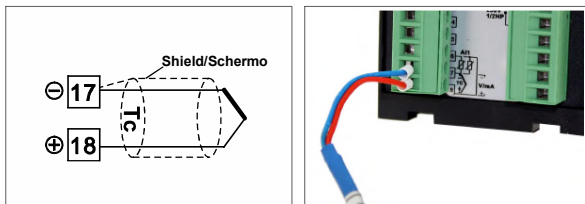
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

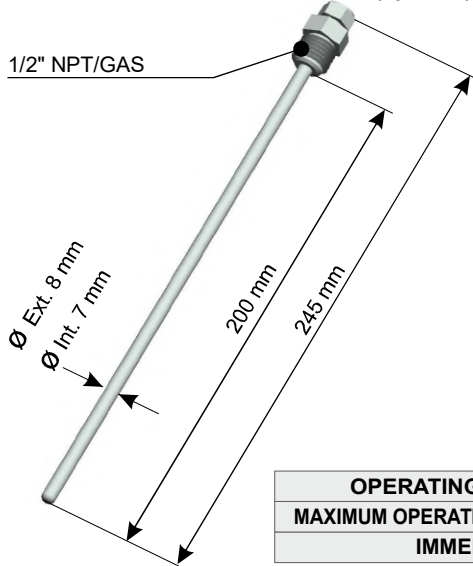
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

THERMOWELL Code : 2000.30.017 (optional)



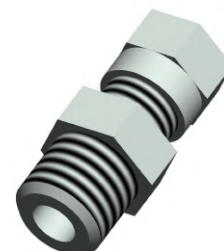
SLIDING JUNCTION :
(optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

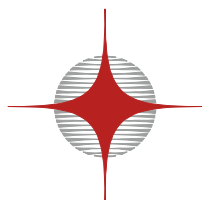
MATERIAL : STEEL AISI 316L



OPERATING TEMPERATURE : -100°C + 900°C

MAXIMUM OPERATING TEMPERATURE : 100 Bar

IMMERSION MATERIAL : Steel AISI 316L (food industry)



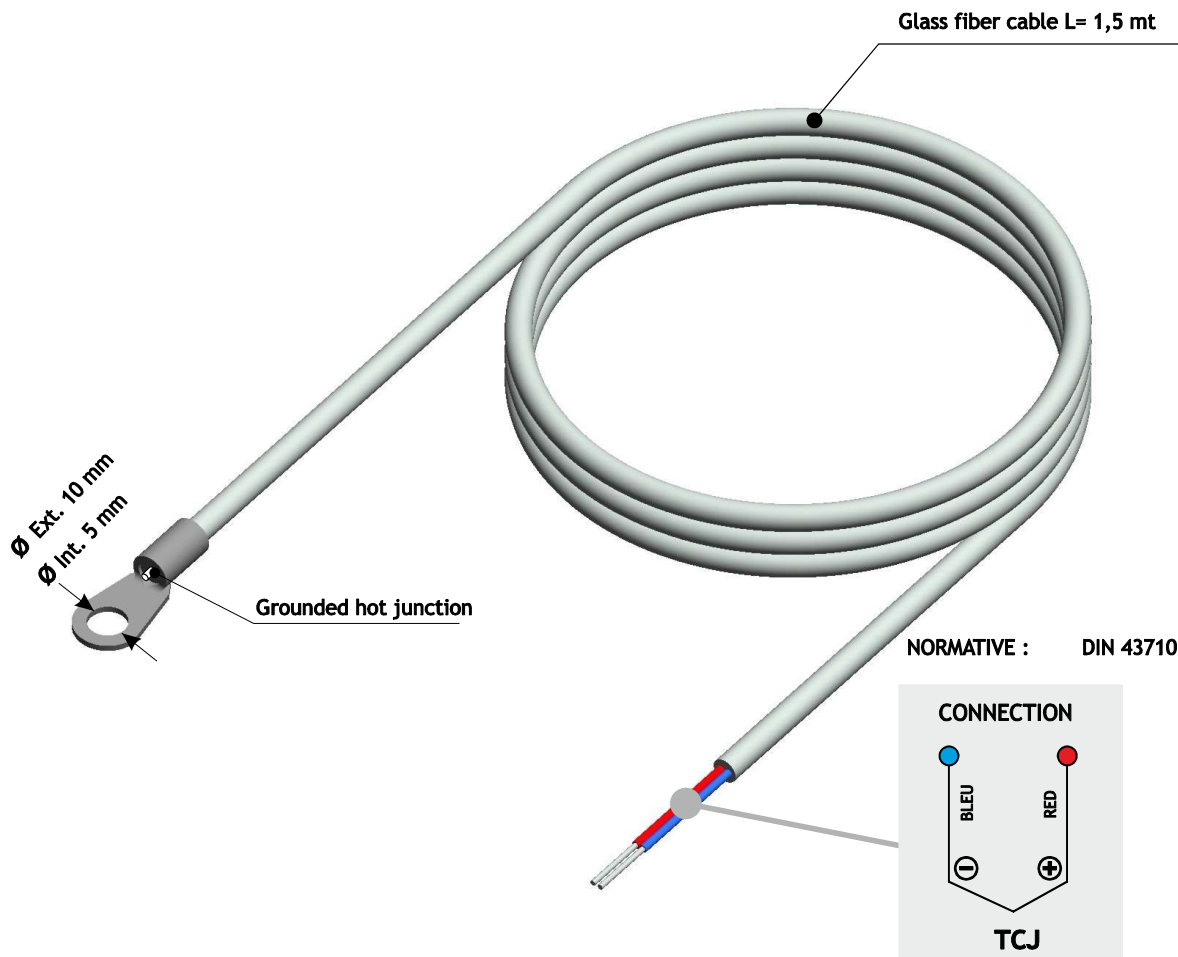
PIXSYS
electronics

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CODE : **2000.90.077**

TCJ-OC/10x5-COPPER-0000-1,5TTS-IS-0,25

DESCRIPTION :
TCJ sensor with washer ext. Ø 10mm / Ø hole 5 mm
with Glass fiber calbe 1,5m.



OPERATING TEMPERATURE :	-200 +400°C
JUNCTION :	(Fe-CuNi / iron-constantan) Wire 0,25mm, grounded hot junction.
IMMERSION MATERIAL :	Stagnated copper max. operating temperature : 400°C
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	Not available
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber
NORMATIVE :	DIN 43710

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon Rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2301

SENSOR SELECTION :

TCJ

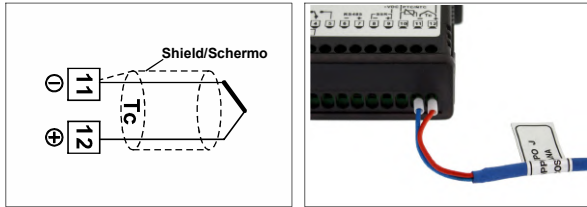
LOWER LIMIT :

-200°C

UPPER LIMIT :

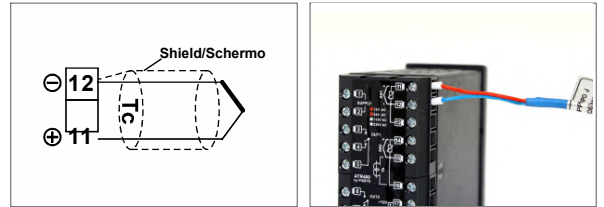
+400°C

ATR142 CONNECTION



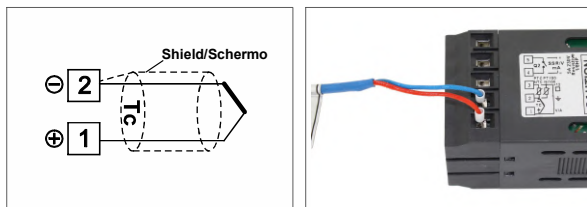
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



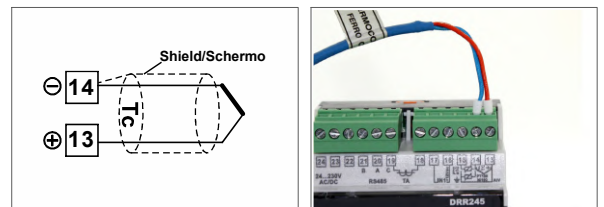
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



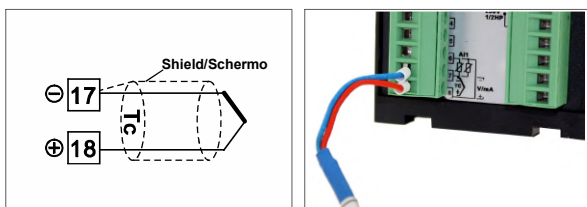
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION

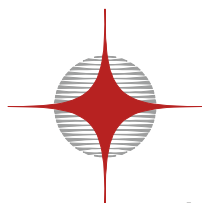


N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater



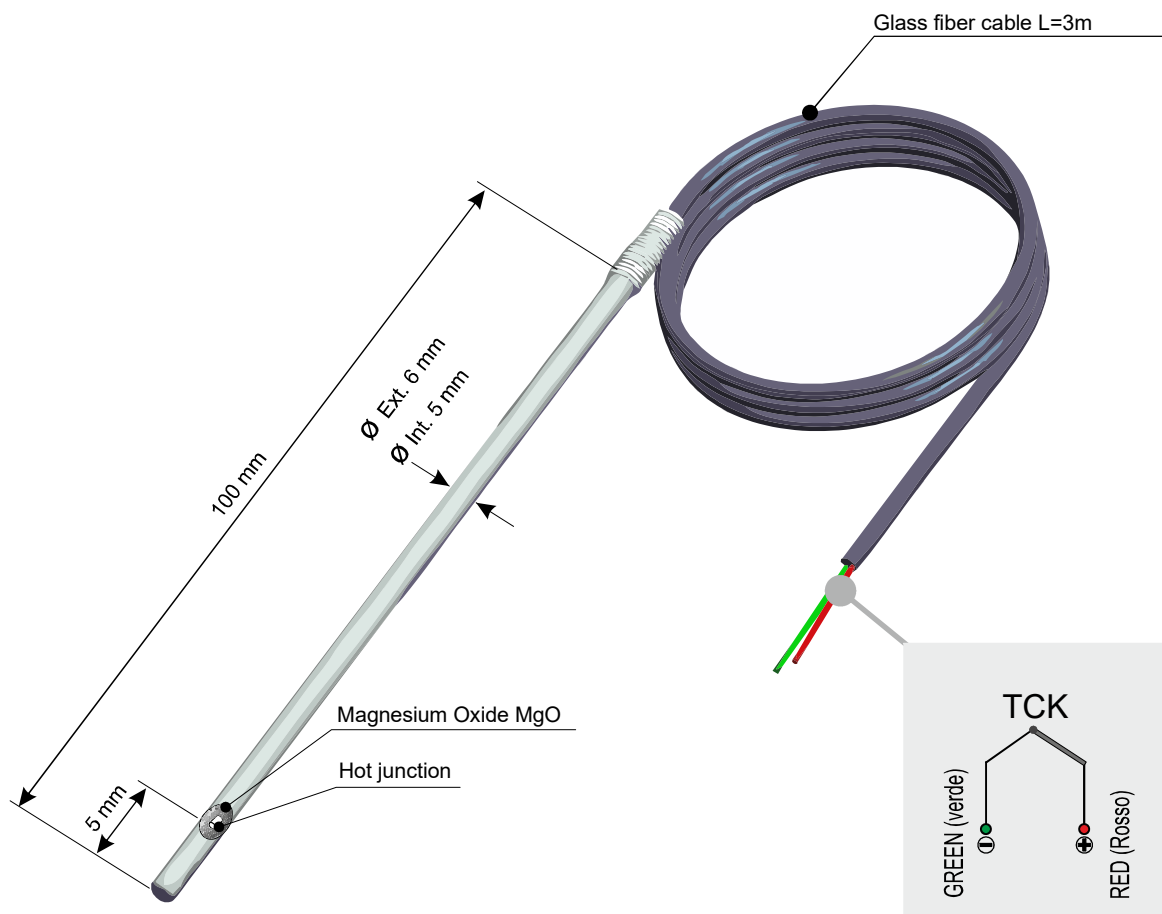
PIXSYS
electronics

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CODE : **2000.90.537**

TCK-6x100-A316-0000-3,0TTS-IS-1,02

DESCRIPTION :
TCK sensor 6x100 mm, A316 MGO insulated,
no process connection with 3m glass fiber cable.



OPERATING TEMPERATURE :	-100 +600°C
JUNCTION :	Cromel - Alumel > Wire diam. 1.02
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	ACCIAIO A316 Temp. max. di lavoro : 900°C
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber
ACCORDING TO :	DIN 43710

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

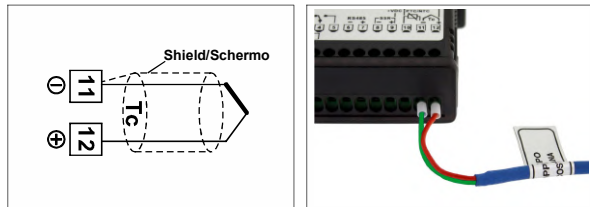
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2352

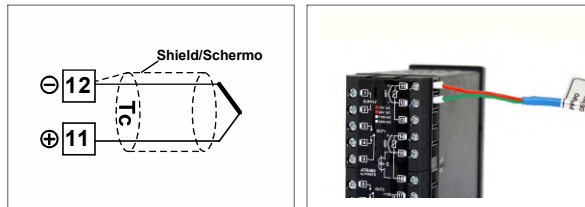
SENSOR SELECTION :	TCK
LOWER LIMIT :	-100°C
UPPER LIMIT :	+600°C

ATR142 CONNECTION



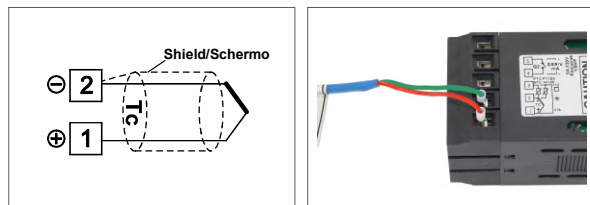
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



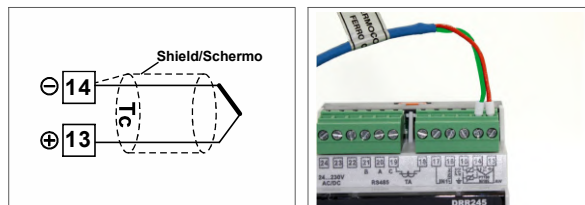
N.B. EasyUp on software version 1.01 or greater

ATR236/243 CONNECTION



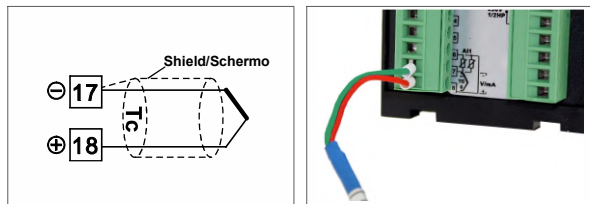
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

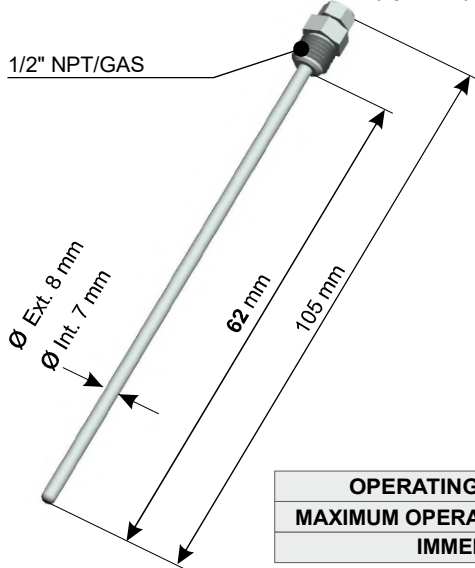
ATR621/171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

THERMOWELL Code : 2000.30.017 (optional)



SLIDING JUNCTION : (optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

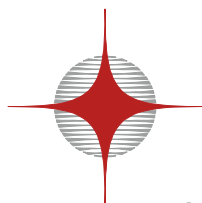
Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L



OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



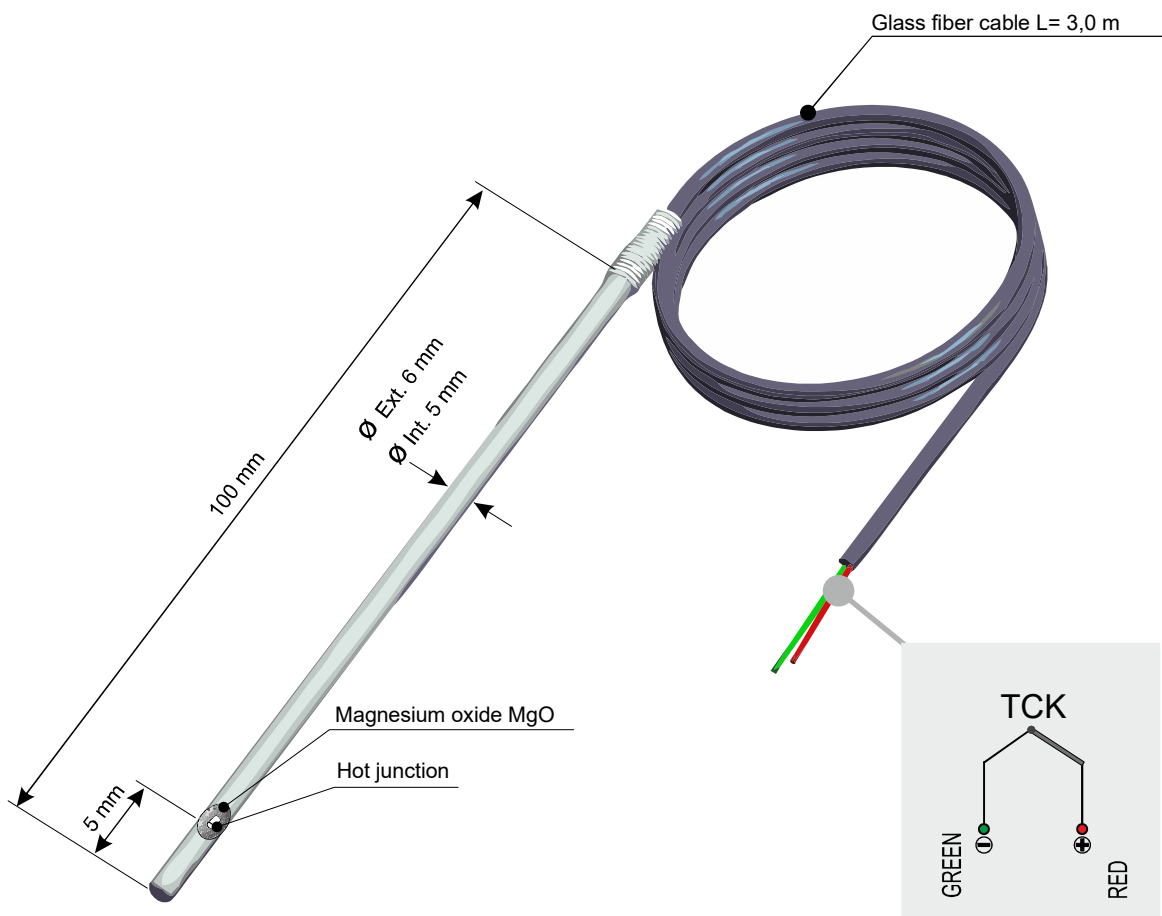
PIXSYS
electronics

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CODE : **2000.90.068**

TCK-6x100-I600-0000-3,0TTS-IS-1,02

DESCRIPTION :
TCK sensor 6x100 mm, Inconel 600 MGO insulated,
no process connection with 3m Glass fiber cable.



OPERATING TEMPERATURE :	-100 +800°C
JUNCTION :	Cromel - Alumel > Wire Diam. 1.02
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	INCONEL 600 Max. operating temperature : 1212°C
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium oxide >20Mohm @ 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber
NORMATIVE :	DIN 43710

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon Rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

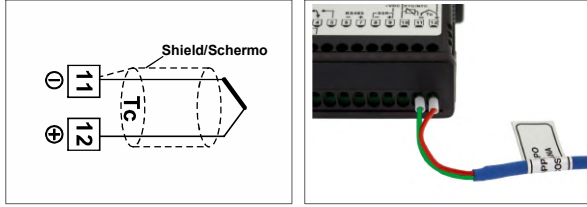
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2351

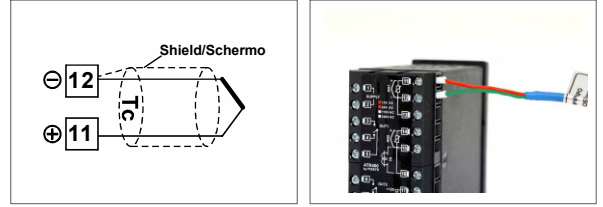
SENSOR SELECTION :	TCK
LOWER LIMIT :	-100°C
UPPER LIMIT :	+800°C

ATR142 CONNECTION



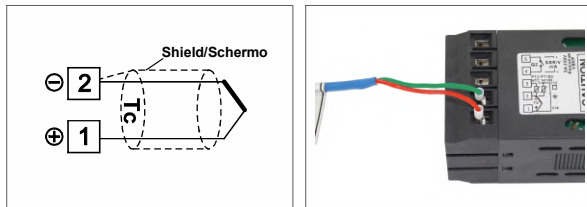
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



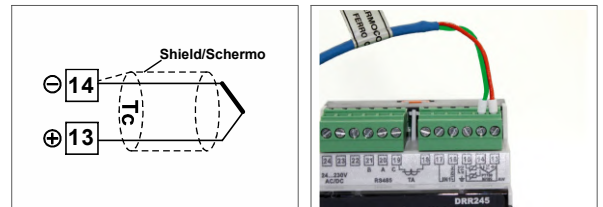
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



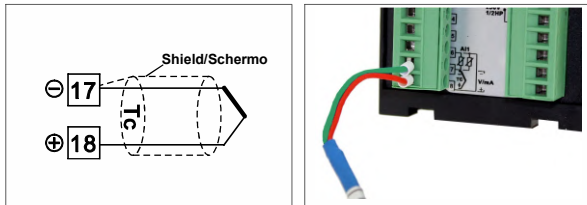
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

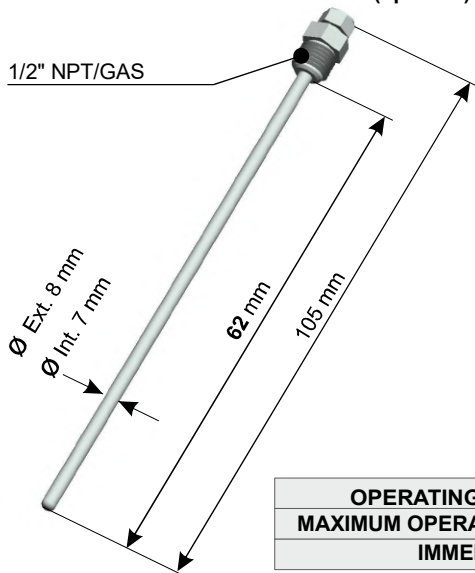
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

THERMOWELL Code : 2000.30.017 (optional)



SLIDING JUNCTION :
(optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L



OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



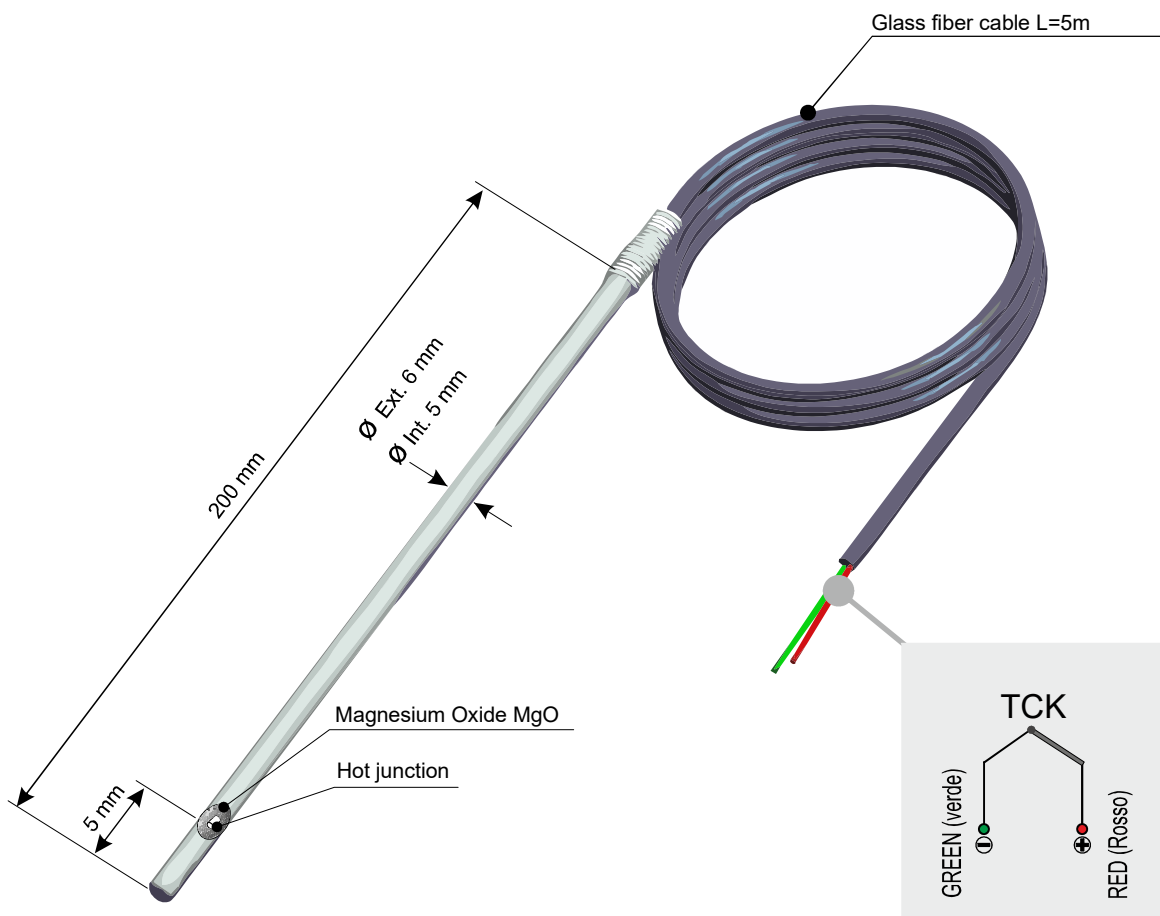
PIXSYS
electronics

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CODE : **2000.90.538**

TCK-6x200-A316-0000-5,0TTS-IS-1,02

DESCRIPTION :
TCK sensor 6x200 mm, A316 MGO insulated,
no process connection with 5m Glass fiber cable.



OPERATING TEMPERATURE :	-100 +600°C
JUNCTION :	Cromel - Alumel > Wire diam. 1.02
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	STEEL A316 Max. operating temperature : 900°C
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	MgO Magnesium Oxide >20Mohm at 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber
ACCORDING TO :	DIN 43710

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

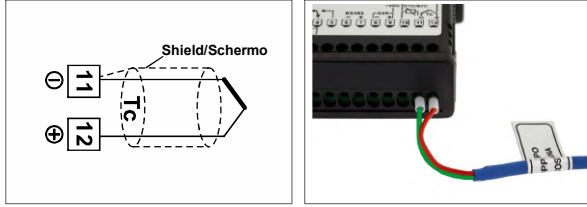
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2352

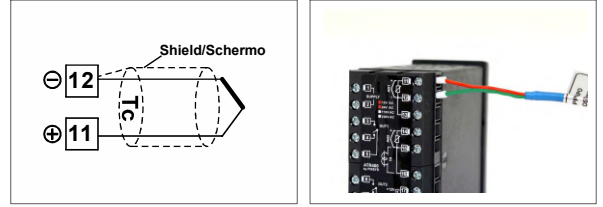
SENSOR SELECTION :	TCK
LOWER LIMIT :	-100°C
UPPER LIMIT :	+600°C

ATR142 CONNECTION



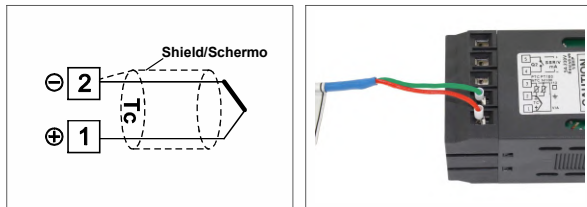
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



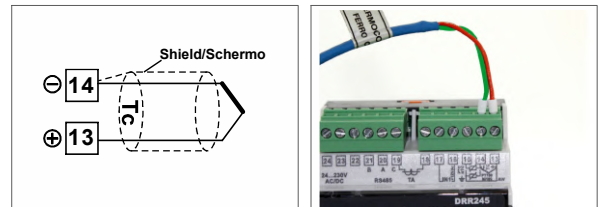
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



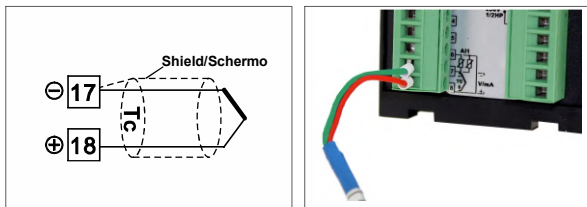
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

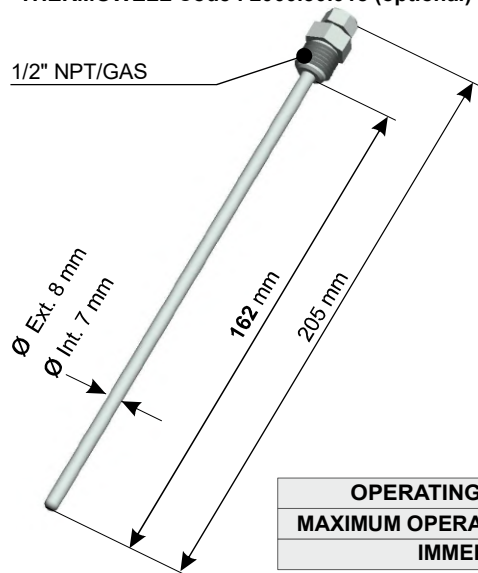
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

THERMOWELL Code : 2000.30.018 (optional)



SLIDING JUNCTION :
(optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

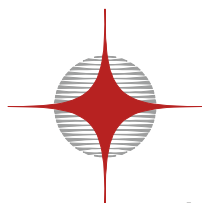
Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L



OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



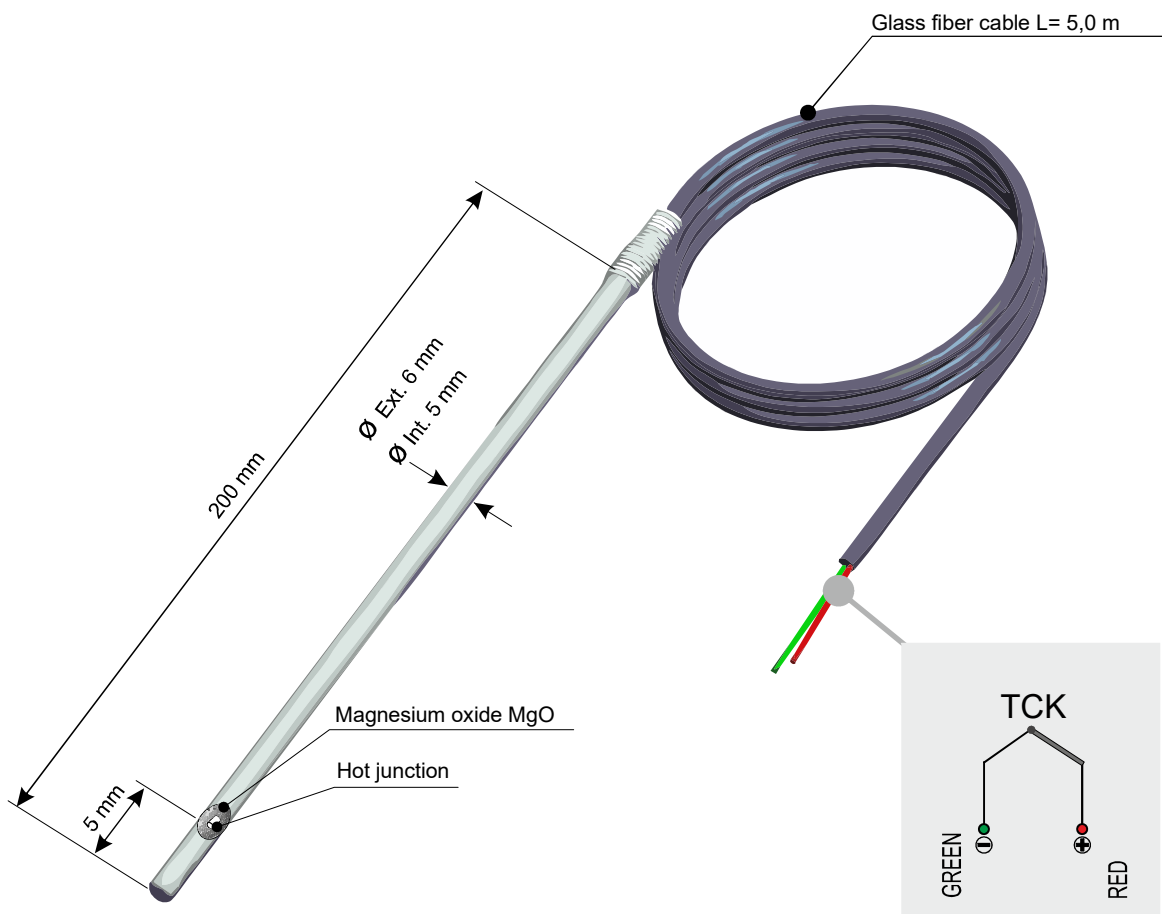
PIXSYS
electronics

www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.90.025**

TCK-6x200-I600-0000-5,0TTS-IS-1,02

DESCRIPTION :
TCK sensor 6x200 mm, Inconel 600 MGO insulated,
no process connection with 5m glass fiber cable.



OPERATING TEMPERATURE :	-100 +800°C
JUNCTION :	Cromel - Alumel > Wire Diam. 1.02
HEAD MATERIAL :	Not available
IMMERSION MATERIAL :	INCONEL 600 Max. operating temperature : 1212°C
JUNCTION MATERIAL :	Not available
INSULATION MATERIAL :	MgO Magnesium oxide >20Mohm @ 25°C (500Vdc)
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	TTS Glass fiber
NORMATIVE :	DIN 43710

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon Rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

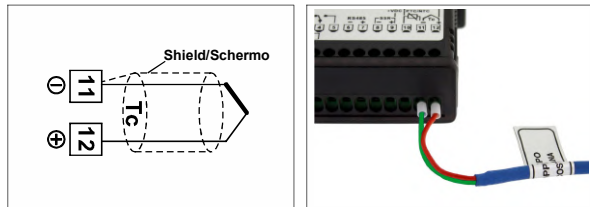
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2351

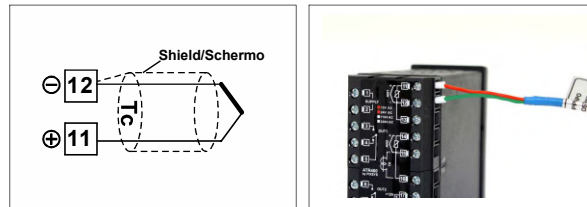
SENSOR SELECTION :	TCK
LOWER LIMIT :	-100°C
UPPER LIMIT :	+800°C

ATR142 CONNECTION



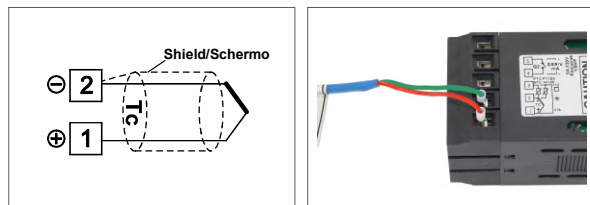
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



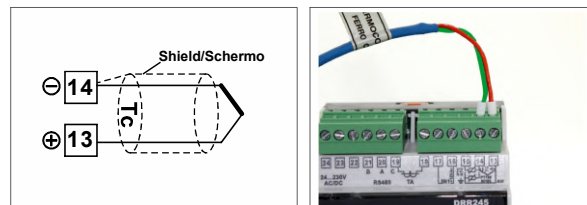
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



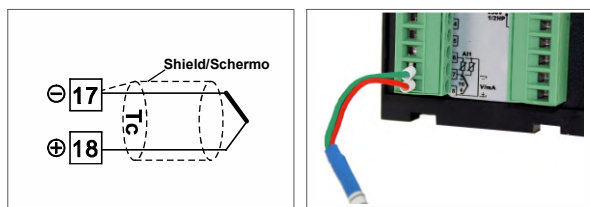
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

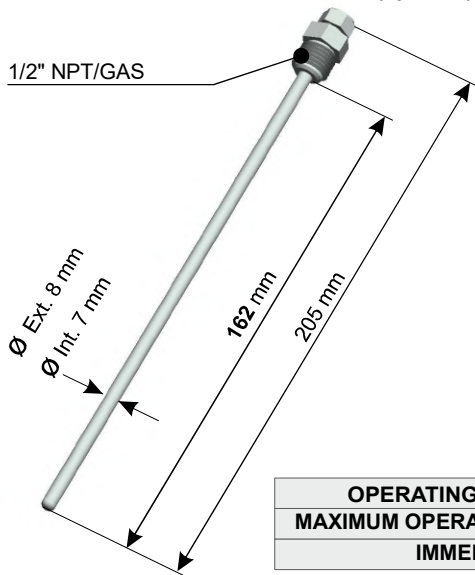
ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

THERMOWELL OR SLIDING JUNCTION

THERMOWELL Code : 2000.30.018 (optional)



SLIDING JUNCTION :
(optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

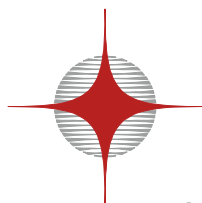
Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L



OPERATING TEMPERATURE :	-100°C + 900°C
MAXIMUM OPERATING PRESSURE :	100 Bar
IMMERSION MATERIAL :	Steel AISI 316L (food industry)



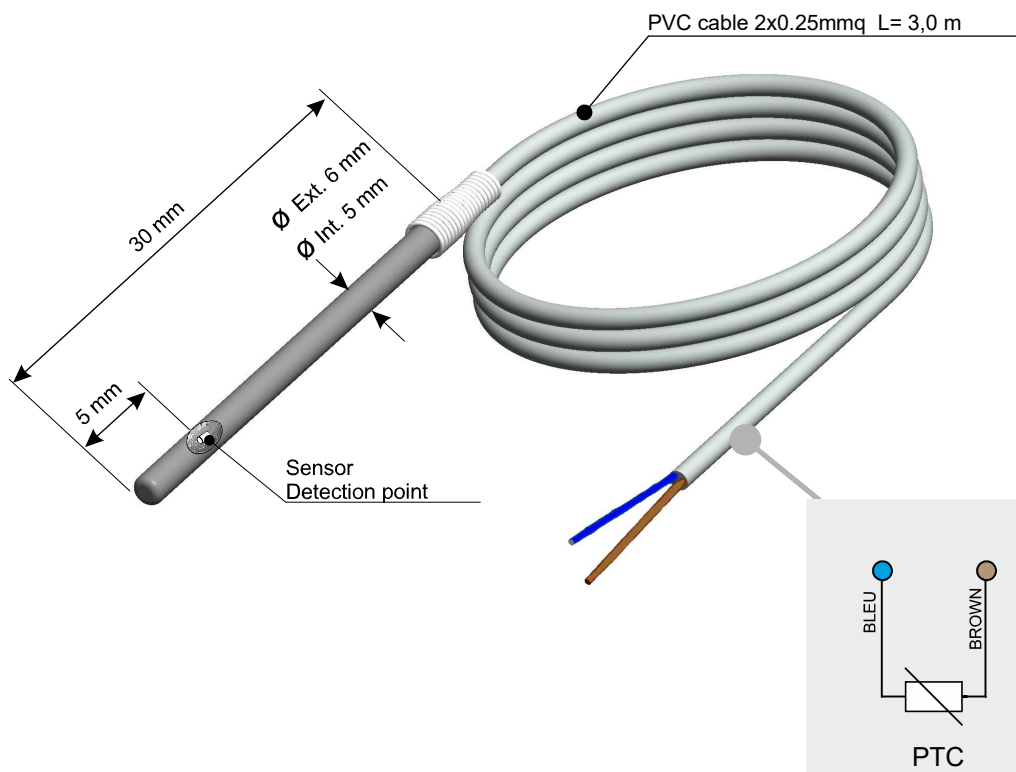
PIXSYS
electronics

www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.90.042**

PTC1K-6x30-A304-0000-3,0PVC

DESCRIPTION :
PTC1K sensor 6x30 mm,
no process connection with 3m PVC cable.



OPERATING TEMPERATURE :	-50°C + 120°C
SENSOR :	PTC KTY 82 - 121 1K 1% SMD
ACCURACY :	1%
RESPONSE TIME :	K (constant)= 10sec. with water flow at 2m/s speed
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	Not available
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	PVC
PROTECTION :	IP67

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon Rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2202

SENSOR SELECTION:

PTC

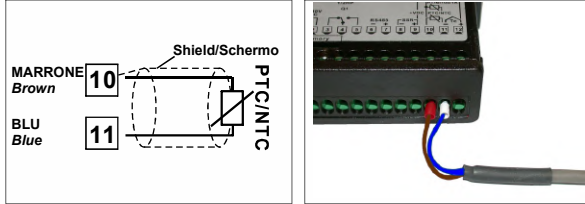
LOWER LIMIT :

-50°C

UPPER LIMIT :

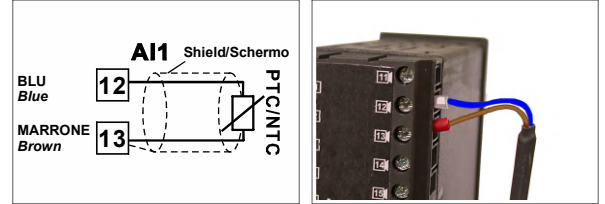
+120°C

ATR142 CONNECTION



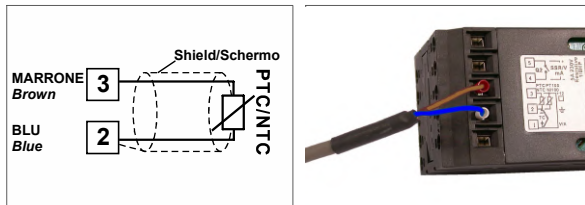
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



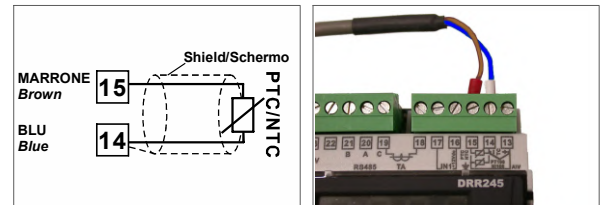
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



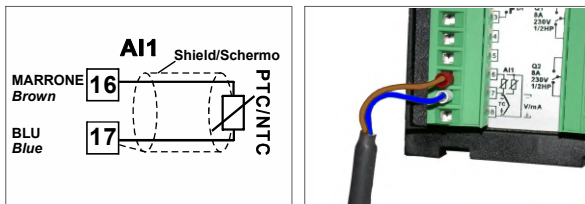
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

SLIDING JUNCTION

SLIDING JUNCTION :
(optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L





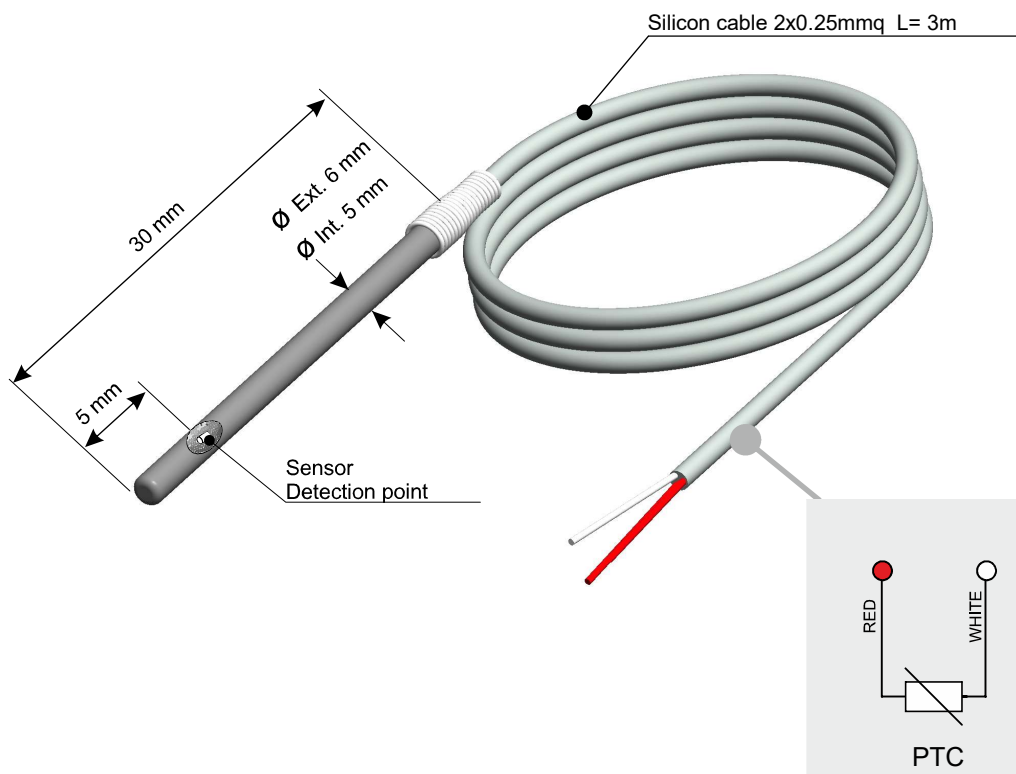
PIXSYS
electronics

www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.90.147**

PTC1K-6x30-A304-0000-3,0GSC

DESCRIPTION :
PTC1K sensor 6x30 mm,
no process connection with 3m silicon cable.



OPERATING TEMPERATURE :	-50°C + 120°C
SENSOR :	PTC KTY 82 - 121 1K 1% SMD
ACCURACY :	1%
RESPONSE TIME :	K (constant)= 10sec. with water flow at 2m/s
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	Not available
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	GSC Silicon
PROTECTION :	IP67

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon Rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

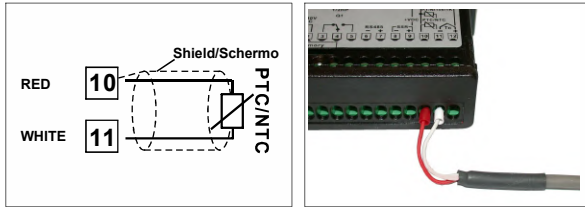
2202

SENSOR SELECTION : PTC

LOWER LIMIT : -50°C

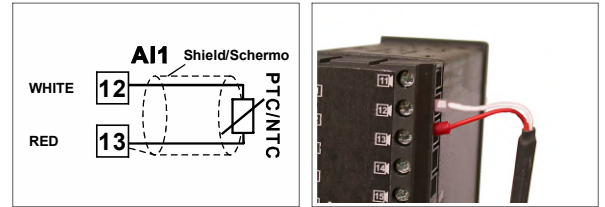
UPPER LIMIT : +120°C

ATR142 CONNECTION



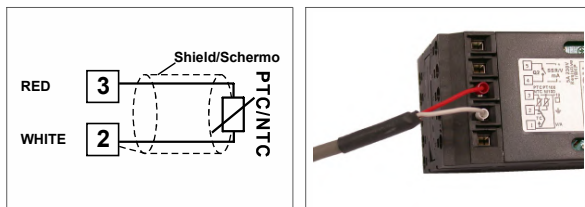
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



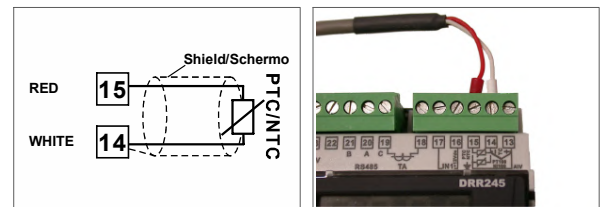
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



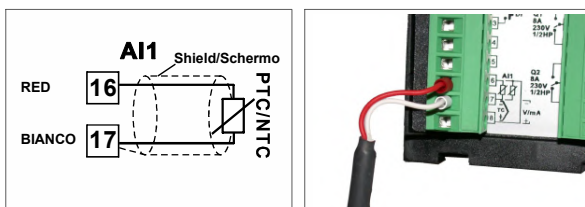
N.B. EasyUp su on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp su versione software 1.01 o successive

SLIDING JUNCTION

SLIDING JUNCTION :
(optional)

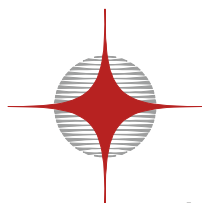
Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code. : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : Steel AISI 316L





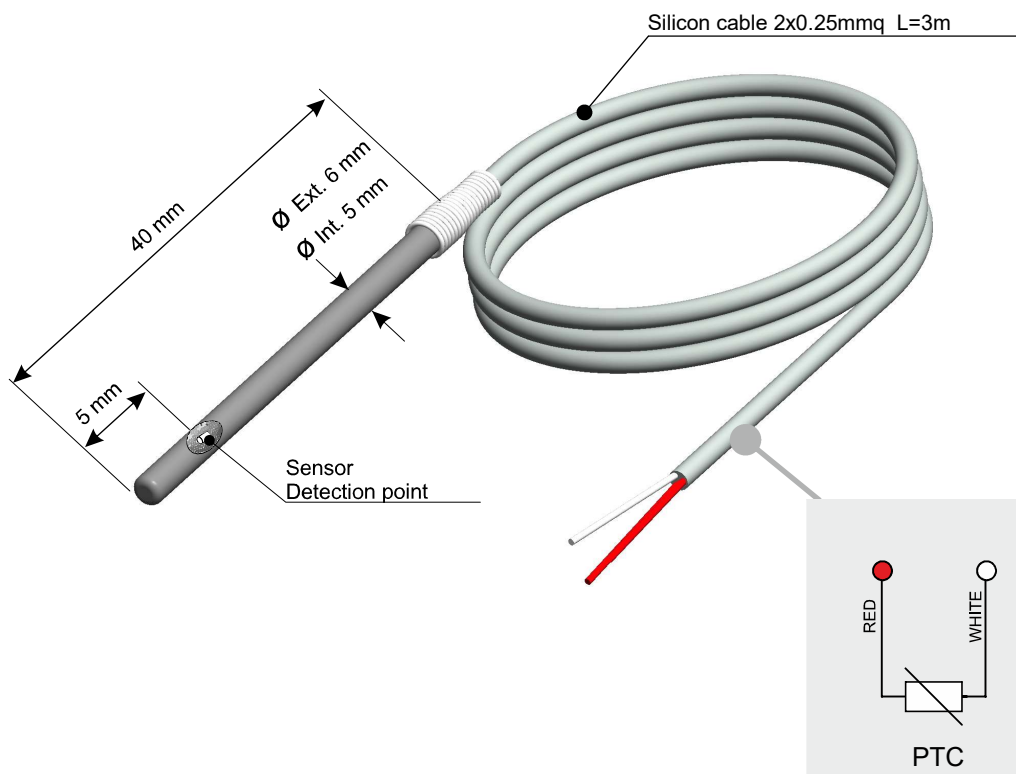
PIXSYS
electronics

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CODE : **2000.90.136**

PTC1K-6x40-A304-0000-3,0GSC

DESCRIPTION :
PTC1K sensor 6x40 mm,
no process connection with 3m silicon cable



OPERATING TEMPERATURE :	-50°C + 120°C
SENSOR :	PTC KTY 82 - 121 1K 1% SMD
ACCURACY :	1%
RESPONSE TIME :	K (constant)= 10sec. with water flow at 2m/s speed
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	Not available
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	GSC Silicon
SEALING :	IP67

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	Incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	Incombustible

EASYUP CONFIGURATION

To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2202

SENSOR SELECTION :

PTC

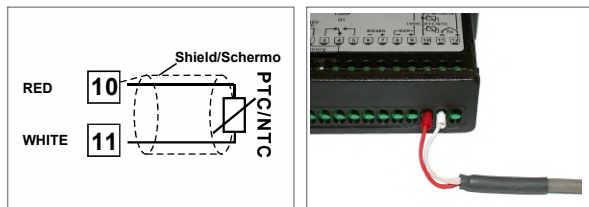
LOWER LIMIT :

-50°C

UPPER LIMIT :

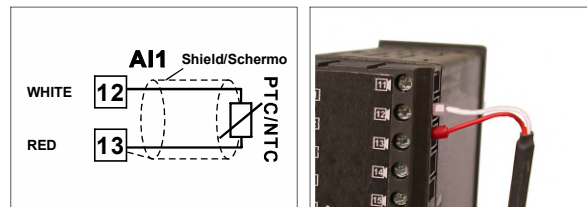
+120°C

ATR142 CONNECTION



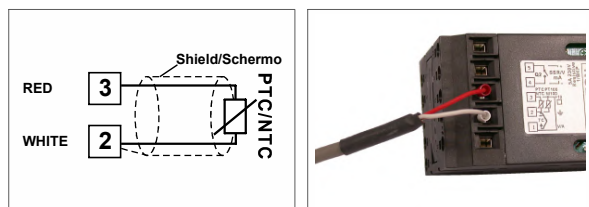
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



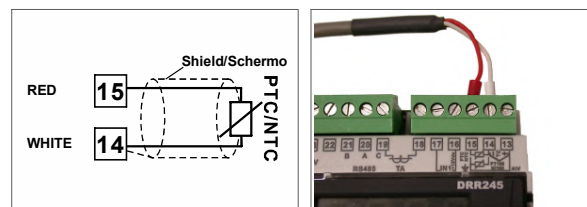
N.B. EasyUp on software version 1.01 or greater

ATR236/243 CONNECTION



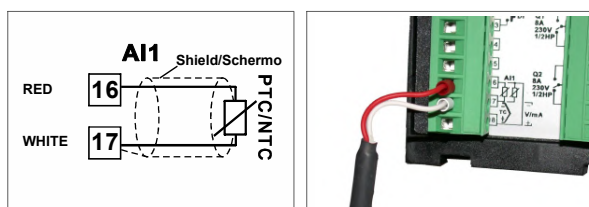
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

ATR621/171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

SLIDING JUNCTION

SLIDING JUNCTION :
(optional)

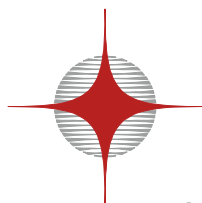
Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L





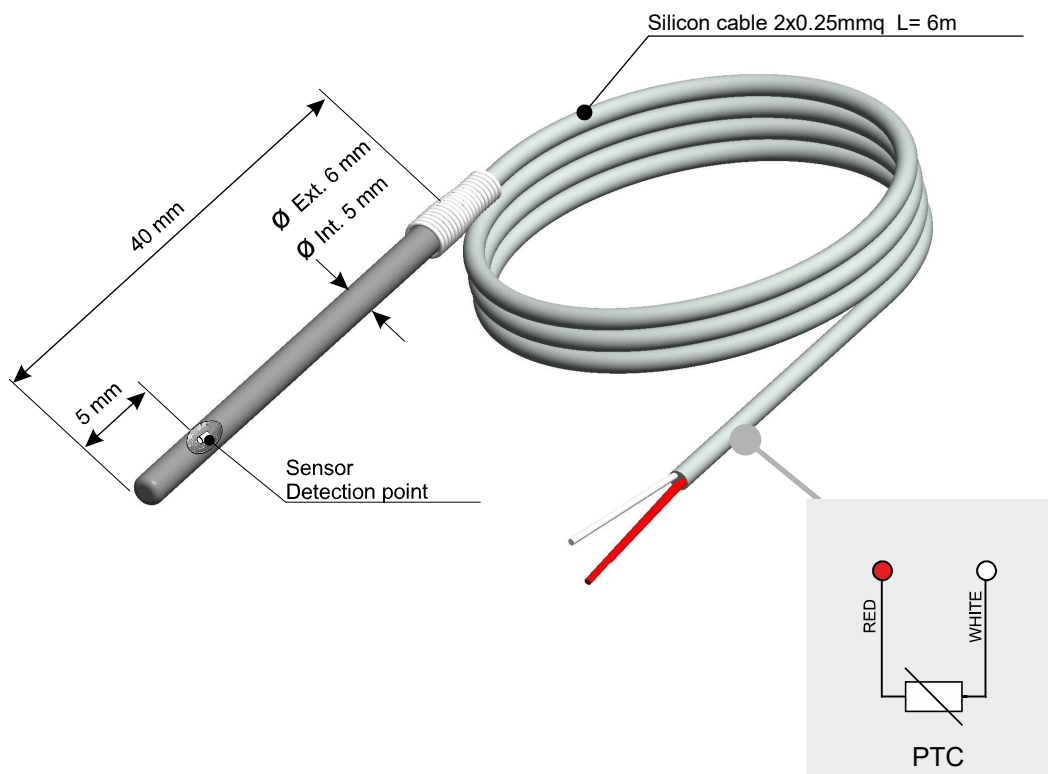
PIXSYS
electronics

www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.90.198**

PTC1K-6x40-A304-0000-6,0GSC

DESCRIPTION :
PTC1K sensor 6x40 mm,
no process connection with 6m silicon cable.



OPERATING TEMPERATURE :	-50°C + 120°C
SENSOR :	PTC KTY 82 - 121 1K 1% SMD
ACCURACY :	1%
RESPONSE TIME :	K (constant)= 10sec. with water flow speed at 2m/s
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	Not available
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	GSC Silicon
PROTECTION :	IP67

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	incombustible

EASYUP CONFIGURATION

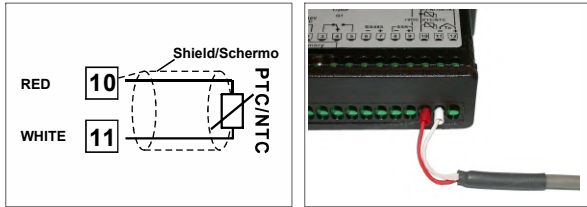
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2202

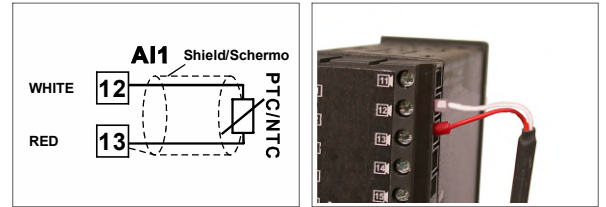
SENSOR SELECTION :	PTC
LOWER LIMIT :	-50°C
UPPER LIMIT :	+120°C

ATR142 CONNECTION



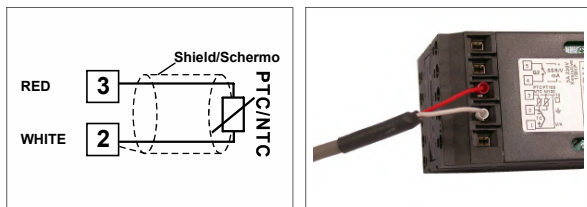
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



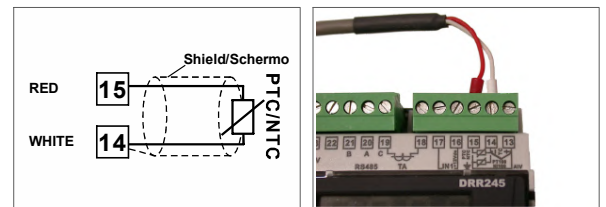
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



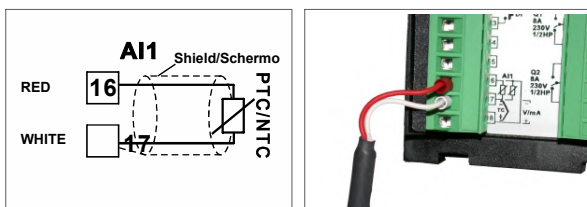
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

SLIDING JUNCTION

SLIDING JUNCTION :
(optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L





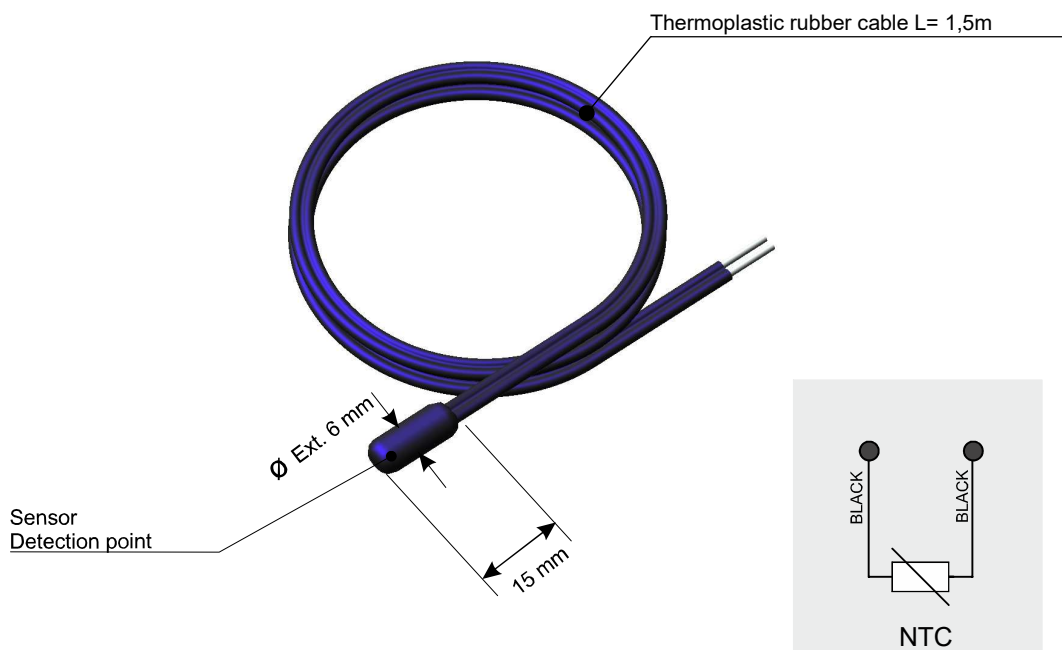
PIXSYS
electronics

www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.90.200**

NTC10K-1%-6x15-COST-0000-1,5GOT

DESCRIPTION :
NTC10K 1% sensor 6x15 mm, Moulded
no process connection with 1,5m thermoplastic rubber.



OPERATING TEMPERATURE :	-50°C + 120°C
SENSOR :	NTC 10K
ACCURACY :	+/- 1% Beta 3435
RESPONSE TIME :	K (costante)= 10sec. with water flow at 2m/s speed
IMMERSION MATERIAL :	Thermoplastic rubber
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	Not available
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	Black thermoplastic rubber cable
PROTECTION :	IP67

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURE [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	incombustible

EASYUP CONFIGURATION

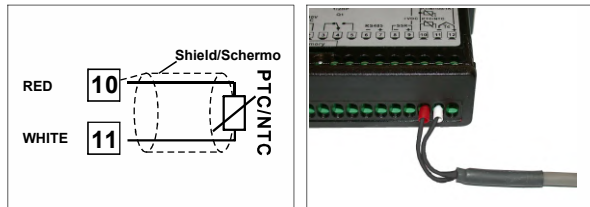
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2203

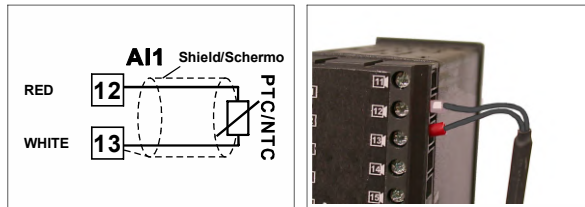
SENSOR SELECTION :	PTC
LOWER LIMIT :	-40°C
UPPER LIMIT :	+125°C

ATR142 CONNECTION



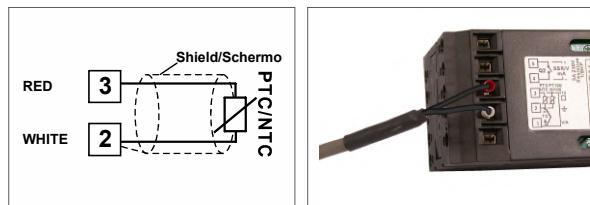
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



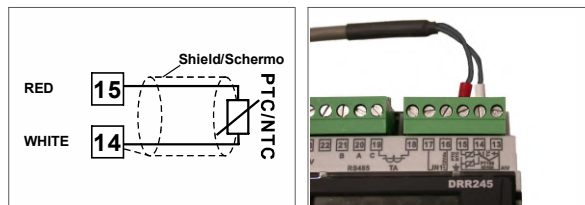
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



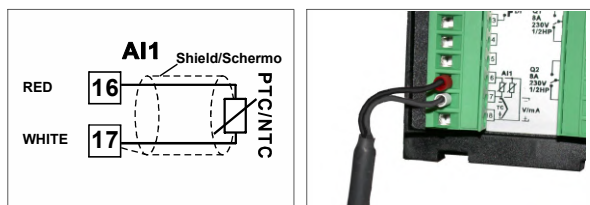
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

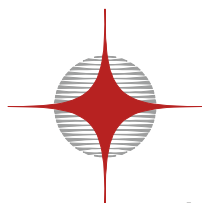
SLIDING JUNCTION

SLIDING JUNCTION :
(optional)

Code : 2000.30.003 1/8" GAS at 6 mm
Code : 2000.30.006 1/4" GAS at 6 mm
Code : 2000.30.009 1/2" GAS at 6 mm

MATERIAL : STEEL AISI 316L





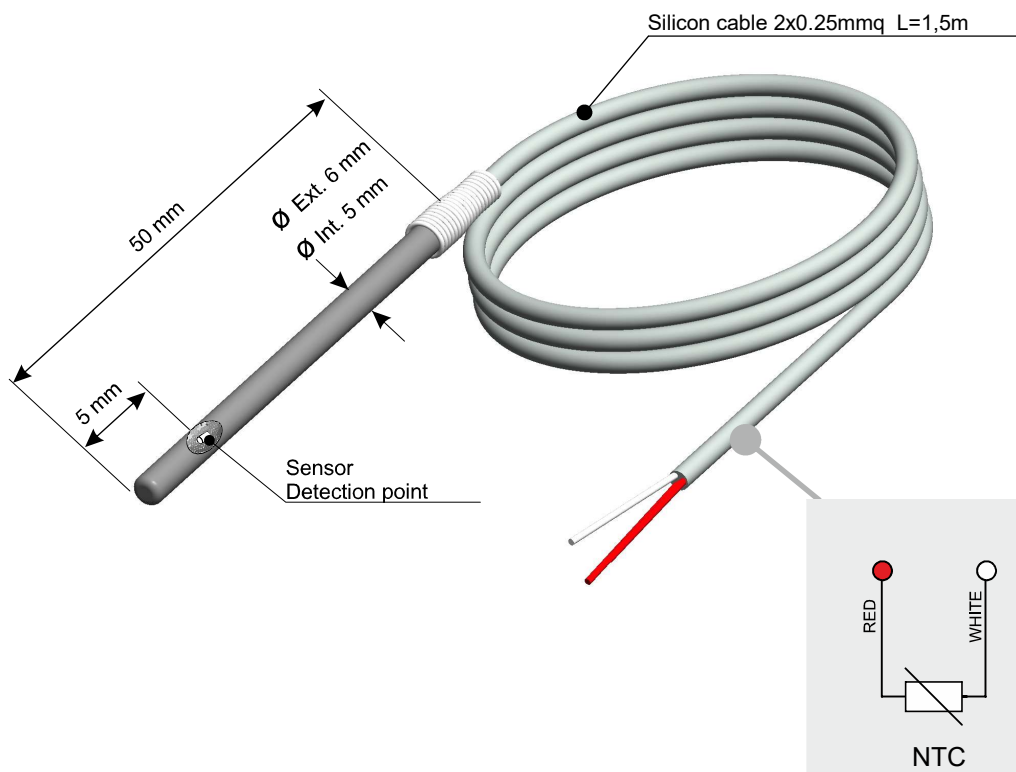
PIXSYS
electronics

www.pixsys.net ☎ +39 041 5190518 R.A.

CODE : **2000.90.316**

NTC10K-1%-6x50-A304-0000-1,5GSC

DESCRIPTION :
NTC10K 1% sensor 6x50 mm,
no process connection with 1,5m silicon cable.



OPERATING TEMPERATURE :	-50°C + 120°C
SENSOR :	NTC 10K
PRECISION :	+/- 1% Beta 3435
RESPONSE TIME :	K (constant)= 10sec. with water flow speed at 2m/s
IMMERSION MATERIAL :	Steel AISI 304
JUNCTION MATERIAL :	Not available
SENSOR INSULATION :	Not available
TAPERING :	NO
CERTIFICATION :	NO
CABLE MATERIAL :	GSC Silicon
SEALING :	IP67

CONNECTION CABLE FEATURES					
SHEATH MATERIAL	TEMPERATURA [°C]		ABRASION RESISTANCE	HUMIDITY RESISTANCE	FLAME BEHAVIOUR
	EXERCISE	INSTANTANEOUS			
PVC	-30 / + 105	+ 105	Good	Good	Self-extinguish
GSC Silicon rubber	-40 / + 250	+ 250	Sufficient	Fair	Self-extinguish
TFE Teflon	-200 / + 260	+ 310	Excellent	Excellent	Self-extinguish
KAP Kapton	-200 / + 400	+ 440	Fair	Good	Self-extinguish
TTS Glass fiber	-200 / + 500	+ 500	Poor	Poor	incombustible
TTC Ceramic fiber	+ 1000	+ 1100	Poor	Poor	incombustible

EASYUP CONFIGURATION

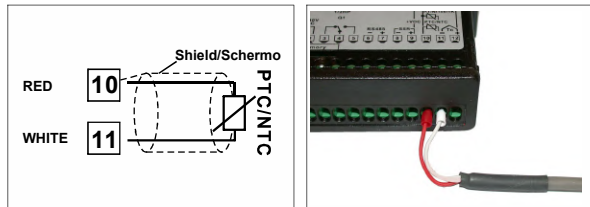
To simplify installation start-up, "EasyUp" mode allows to select type of sensor and to fix its measuring range on the controller by entering a password (see table below).

EASYUP CODE FOR THIS SENSOR :

2203

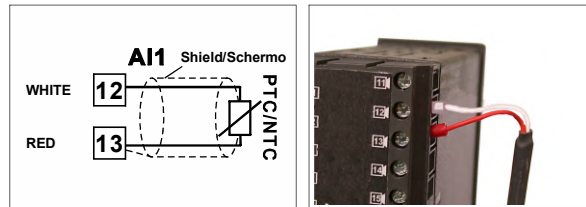
SENSOR SELECTION :	PTC
LOWER LIMIT :	-40°C
UPPER LIMIT :	+125°C

ATR142 CONNECTION



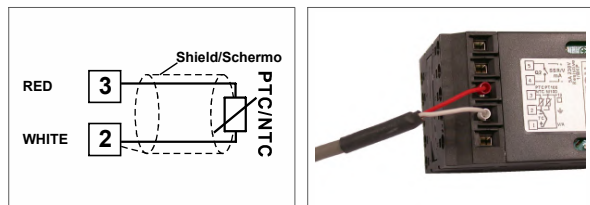
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



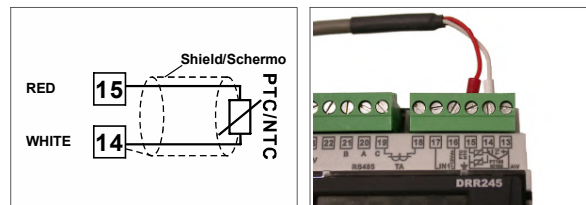
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



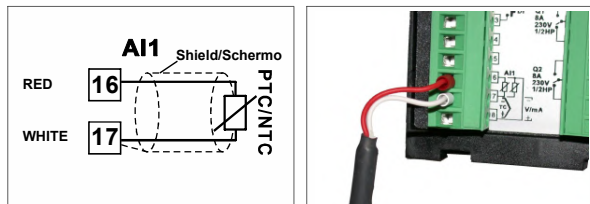
N.B. EasyUp on software version 1.18 or greater

DDR245 CONNECTION



N.B. EasyUp on software version 1.18 or greater

ATR621 / 171 CONNECTION



N.B. EasyUp on software version 1.01 or greater

SLIDING JUNCTION

SLIDING JUNCTION :
(optional)

Code : 2000.30.003 1/8" GAS at Ø 6 mm

Code : 2000.30.006 1/4" GAS at Ø 6 mm

Code : 2000.30.009 1/2" GAS at Ø 6 mm

MATERIAL : STEEL AISI 316L

