

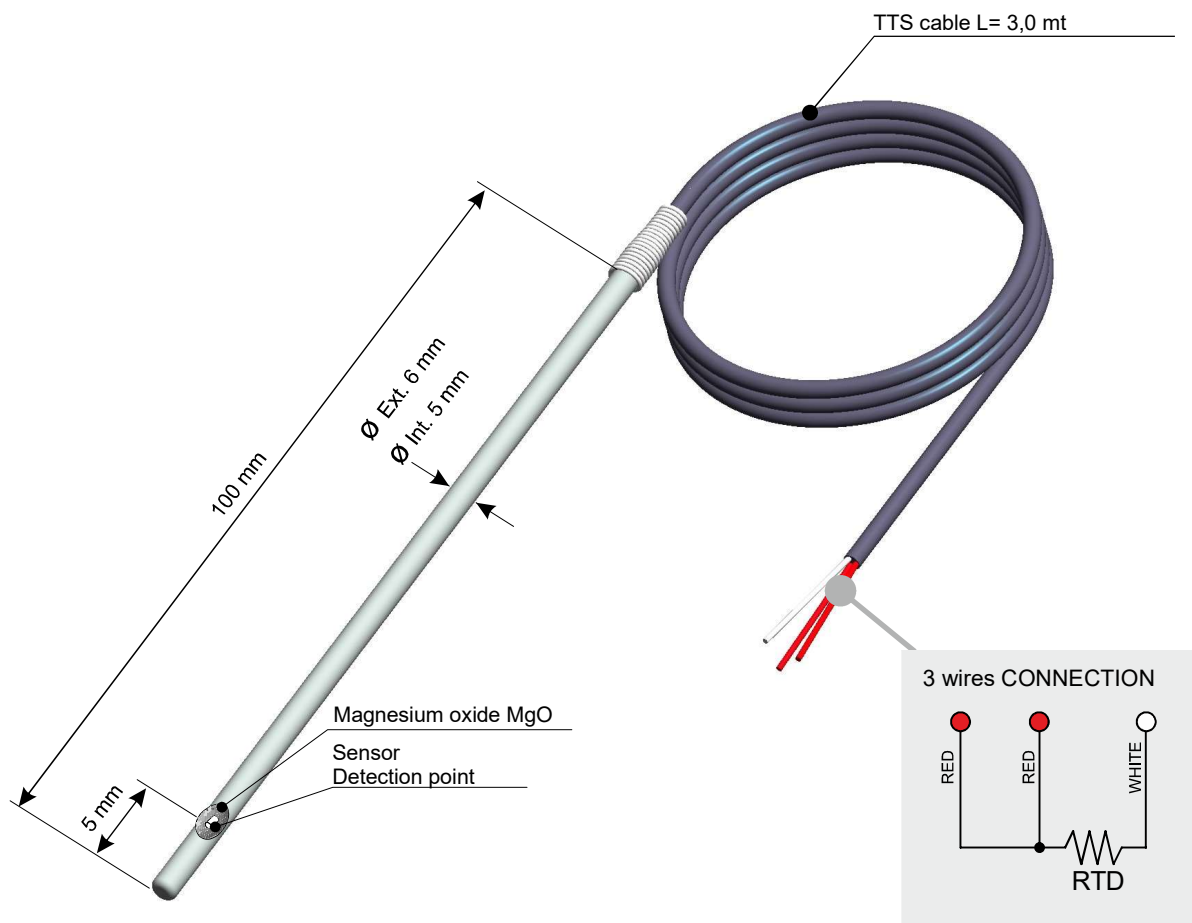
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CODE : **2000.90.036**

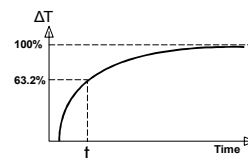
PT100B-6x100-A304-0000-3,0TTS

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

ACCORDING TO DIN EN 60751

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 :

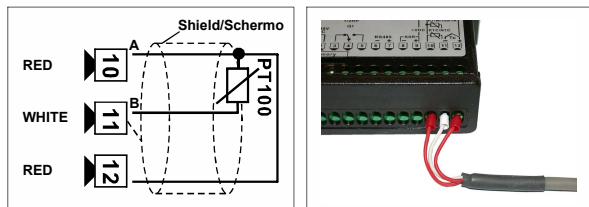
2201

SENSOR SELECTION : PT100

LOWER LIMIT : -100°C

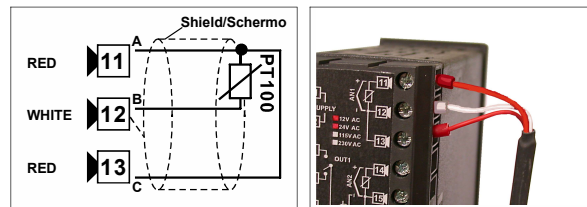
UPPER LIMIT : +250°C

ATR142 CONNECTION



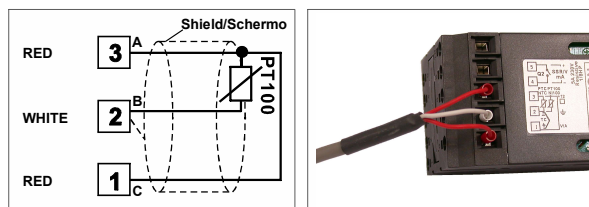
N.B. EasyUp on software version 1.12 or greater

ATR401 CONNECTION



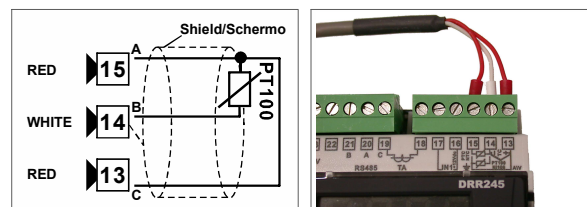
N.B. EasyUp on software version 1.01 or greater

ATR236 /243 CONNECTION



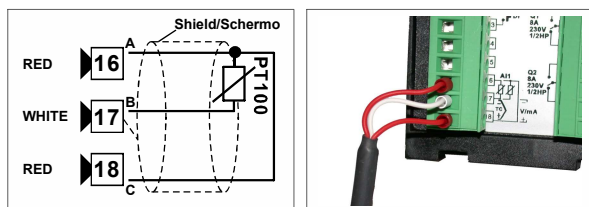
N.B. EasyUp on software version 1.18 or greater

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

