



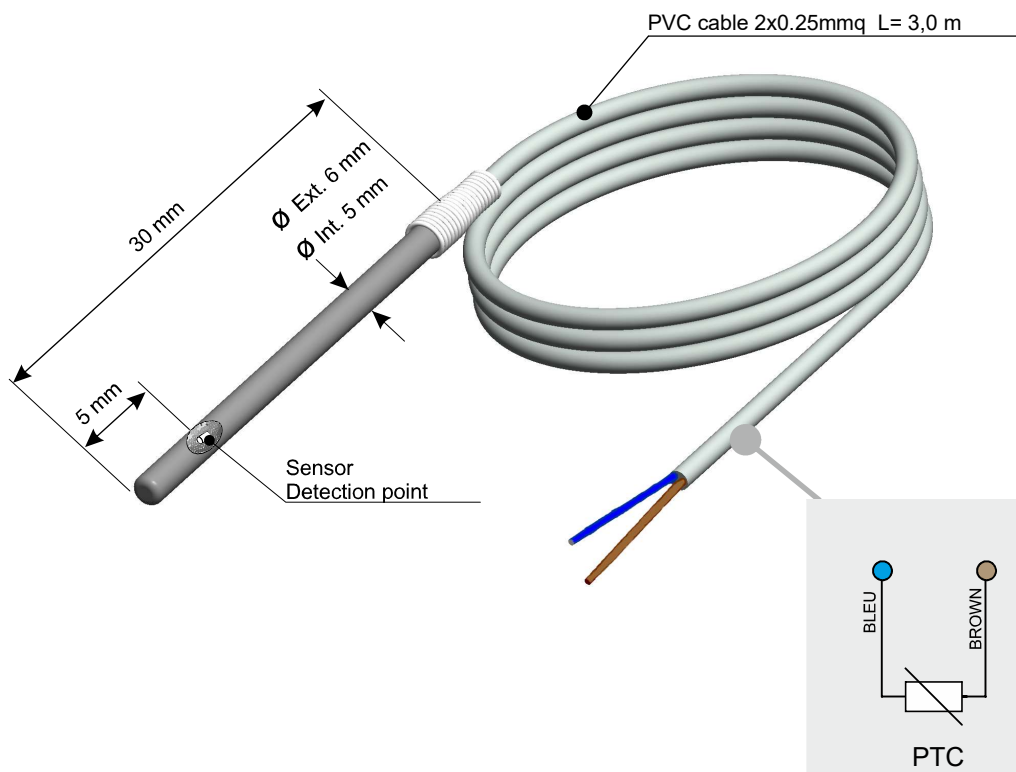
**PIXSYS**  
electronics

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CODE : **2000.90.042**

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

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



|                                |  |
|--------------------------------|--|
| <b>OPERATING TEMPERATURE :</b> | -50°C + 120°C                                      |
| <b>SENSOR :</b>                | PTC KTY 82 - 121 1K 1% SMD                         |
| <b>ACCURACY :</b>              | 1%   |
| <b>RESPONSE TIME :</b>         | K (constant)= 10sec. with water flow at 2m/s speed |
| <b>IMMERSION MATERIAL :</b>    | Steel AISI 304                                     |
| <b>JUNCTION MATERIAL :</b>     | Not available                                      |
| <b>SENSOR INSULATION :</b>     | Not available                                      |
| <b>TAPERING :</b>              | NO   |
| <b>CERTIFICATION :</b>         | NO   |
| <b>CABLE MATERIAL :</b>        | PVC  |
| <b>PROTECTION :</b>            | 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<br>Silicon Rubber     | -40 / + 250      | + 250         | Sufficient          | Fair                | Self-extinguish |
| TFE<br>Teflon             | -200 / + 260     | + 310         | Excellent           | Excellent           | Self-extinguish |
| KAP<br>Kapton             | -200 / + 400     | + 440         | Fair                | Good                | Self-extinguish |
| TTS<br>Glass fiber        | -200 / + 500     | + 500         | Poor                | Poor                | Incombustible   |
| TTC<br>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

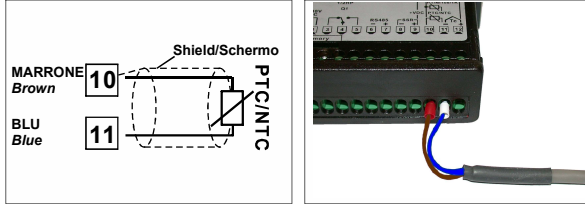
**LOWER LIMIT :**

-50°C

**UPPER LIMIT :**

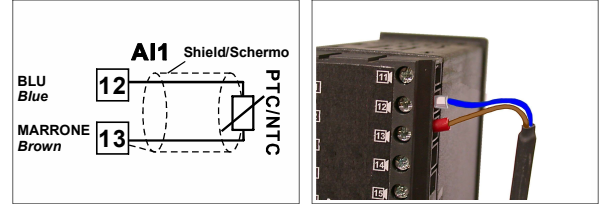
+120°C

### ATR142 CONNECTION



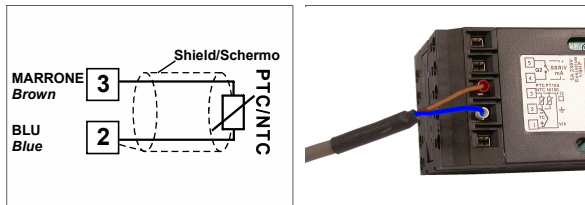
N.B. EasyUp on software version 1.12 or greater

### ATR401 CONNECTION



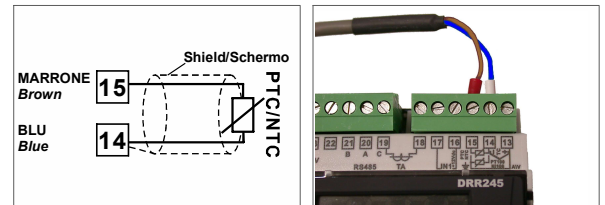
N.B. EasyUp on software version 1.01 or greater

### ATR236 /243 CONNECTION



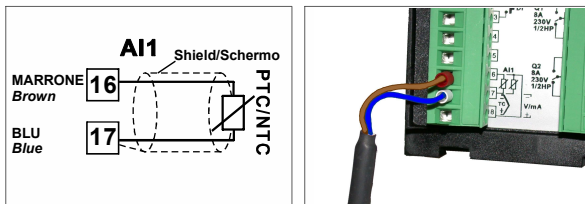
N.B. EasyUp on software version 1.18 or greater

### 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**

