



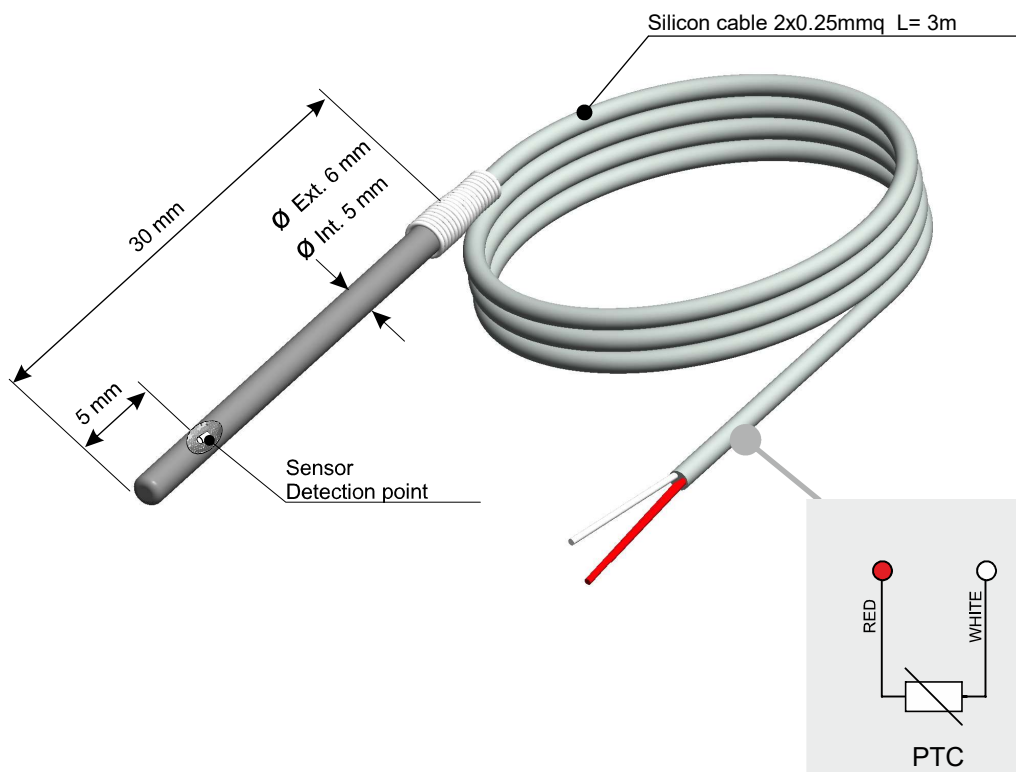
**PIXSYS**  
electronics

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.



<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
<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>	GSC Silicon
<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 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 :

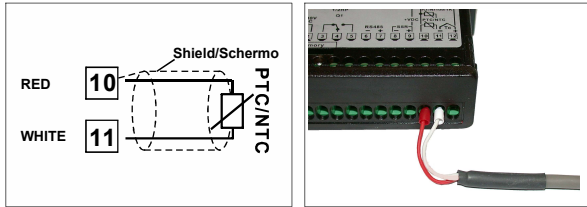
**2202**

**SENSOR SELECTION :** PTC

**LOWER LIMIT :** -50°C

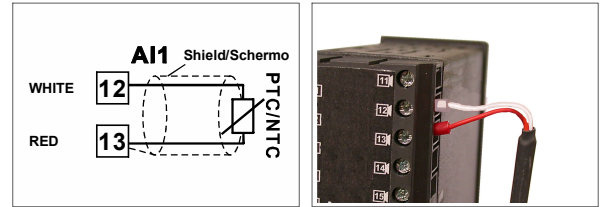
**UPPER LIMIT :** +120°C

### ATR142 CONNECTION



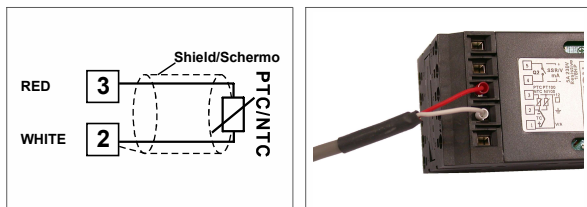
N.B. EasyUp on software version 1.12 or greater

### ATR401 CONNECTION



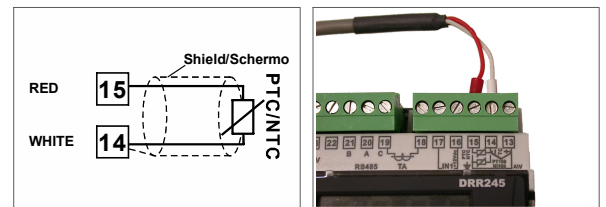
N.B. EasyUp on software version 1.01 or greater

### ATR236 /243 CONNECTION



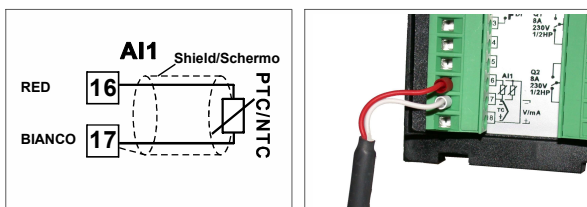
N.B. EasyUp su on software version 1.18 or greater

### 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

