



Cable : 3x26AWG FEP tinned copper braided cable 250V  
200°C

Length : ..... mm Tubing : .....

Connector : .....

<b>PT-100</b>	
<b>LIQUID TEMPERATURE SENSOR</b>	
Ref :	
SN : L	

Colour	Function	Pin
Red	R-1	
Black	R-2	
White		
Braid	Not connected	

Texys sensors are designed for data recording. If the user wants to include this sensor in a close loop system or active control, he must assume all responsibility.

Range	-50 to +200	°C
Accuracy	Class A for PT1000 Class 1/3 for PT100	
Response time (0-90%) Into boiling water	10 000	ms
Resistance	See table	Ω
Sensitive Element Standard	PT100 or PT1000	
Dimension	Short Long	6 threaded + 4 8 threaded + 6
Material	Stainless steel	
Weight (without cable)	g	
Protection	IP66	
Max. Service Pressure	200 bar / 3000 psi	
Burst pressure	600 bar / 9000 psi	
Vibration test	20 Gpp 5'	
Shock	500	G
Operating Temp	-50 to +200	°C
Storage Temp	-50 to +200	°C

Calibration tables		
°C	PT100 Ω	PT1000 Ω
-50	82.25	822.5
-40	84.21	842.1
-20	92.13	921.3
0	100.00	1000.0
20	107.79	1077.9
40	115.54	1155.4
60	123.24	1232.4
80	130.89	1308.9
100	138.50	1385.0
120	146.06	1460.6
140	153.57	1535.7
150	157.32	1573.2
160	161.04	1610.4
170	164.76	1647.6
180	168.47	1684.7
190	172.16	1721.6
200	175.84	1758.4

Ordering ref ex : PT-100-M6-14  
PT-Range - Thread - Length

100	1/8 NPT	10 (short)
1000	M6	14 (long)
	M8x1.0	
	M8 x1.25	

