texense
sensors by TEXYS



PT

Liquid temperature sensor

Measurement features			
Range		-50 to +200	°C
Accuracy standard[1]	PT100	1/3DIN standard	
	PT1000	Class B	
Fundamental interval (0°C to 100°C)	PT100	38.5	Ω
	PT1000	385	
Response time 0-90% into water @ 95°C		See §Housing options	
Resistance		See calibration tables	
Mechanical features			
Material		Stainless steel	
Recommended tightening torque		See §Housing options	
Dimensions			
Weight			
Environment			
Protection		IP66	
Maximum service pressure		200	bar
Burst pressure		600	bar
Vibration test		20 Gpp 5'	
Shock		500	G
Operating Temp		-50 to +200	°C
Storage Temp		-50 to +200	°C

Texense sensors are designed for data logging. Should the users want to include this sensor in a closed loop system, they must undertake total responsibility from doing so.

Ordering information

Ordering ref:

PT—*Resistance*—*Housing version*

100: 100Ω @ 0°C
1000: 1000Ω @ 0°C

M6-10 : M6 thread, 10mm probe
M6-14 : M6 thread, 14mm probe
M6-17 : M6 thread, 16.76mm probe
M8x1.0-10 : M8x1.0mm thread, 10mm probe
M8x1.25-10: M8x1.25mm thread, 10mm probe
M8x1.0-14 : M8x1.0mm thread, 14mm probe
M8x1.25-14: M8x1.25mm thread, 14mm probe
1-8-NPT-20: 1/8 NPT thread, 20mm probe
1-8-NPT-28-BSPP: 1/8 NPT thread, 20mm probe
1-2-NPT-24 : 1/2 NPT thread, 24mm probe
M10x1.0-23.2: M10x1.0mm thread, 23.2mm probe