

Datasheet

**RTD Temperature Sensor with Hirschmann Connector,  
PT100, Class A**

A cost effective 6mm diameter Pt100 sensor assembly housed in a 316 Stainless Steel body with 1/2" BSP process connection and fitted din connector with connection lead.



Specification Table	
<b>Sensor Type</b>	Pt100 Resistance Thermometer
<b>Ohms resistance @ 0°C</b>	100Ω
<b>Number of elements</b>	1
<b>Number of wires</b>	3 wire
<b>Tolerance class</b>	Class A
<b>Probe diameter</b>	6.0mm
<b>Probe length (below hex)</b>	50mm, 75mm, 100mm, 150mm, 200mm & 300mm
<b>Sheath (probe) material</b>	316SS
<b>Connection head</b>	Hirschmann type to DIN EN 175 301-803-A
<b>4-20mA transmitter fitted, range</b>	n/a
<b>Connection head IP rating</b>	IP65
<b>Connection head cable entry</b>	PG11
<b>Connection head probe entry</b>	M27x1.5
<b>Termination type</b>	3 pin + PE
<b>Process connection</b>	1/2"BSPP
<b>Process connection material</b>	316SS
<b>Min. Temperature</b>	-50°C
<b>Max. Temperature</b>	+250°C
<b>Other</b>	1 metre PVC cable fitted
<b>Standards met</b>	IEC60751

Probe Diameter	Probe Length	Order Code
6.0mm	50mm	<b>XF-1451-FAR</b>
6.0mm	75mm	<b>XF-1452-FAR</b>
6.0mm	100mm	<b>XF-1453-FAR</b>
6.0mm	150mm	<b>XF-1454-FAR</b>
6.0mm	200mm	<b>XF-1455-FAR</b>
6.0mm	300mm	<b>XF-1456-FAR</b>