

### For monitoring the temperature of bearings in all industrial applications

- Easy installation with integral screwed connection
- Sensor type either RTD (PT100 or PT1000) or thermocouple.
- In line or 90° cable exit configuration
- Can be specified with a 4-20mA transmitter and wall mounted housing.



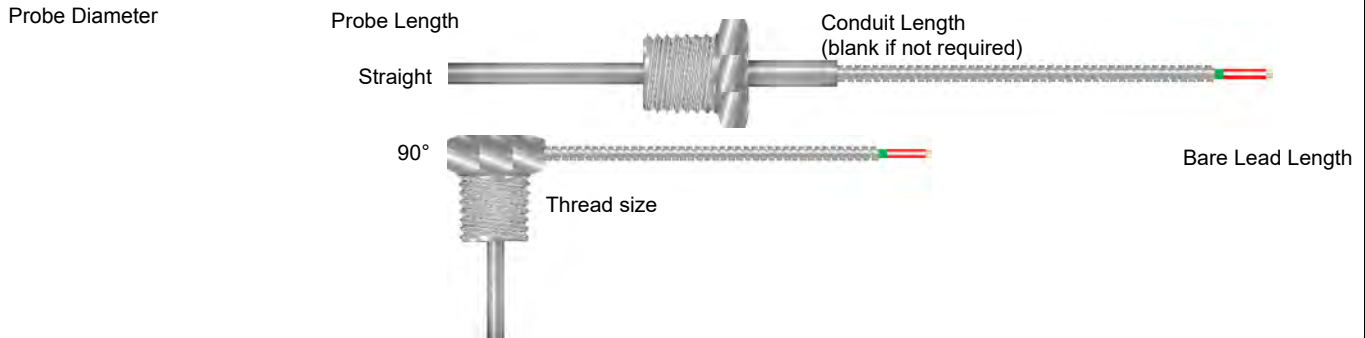
<b>Specification:</b>	
<b>STEM MATERIAL</b>	316 stainless steel..
<b>STEM DIMENSIONS</b>	Diameter : Metric: 4.5mm to 8mm Imperial: 3/16", 1/4", 3/8"  Length: 50mm min to as required
<b>PROCESS CONNECTION</b>	Standard: Screwed 1/2" BSPT or NPT in 316 stainless Optional: Other thread forms on application
<b>CABLE EXIT</b>	Straight exit from mounting plug 90° exit from mounting plug
<b>TEMPERATURE RANGE</b>	-50 to +120°C
<b>RTD SENSOR</b>	PT100 / PT1000 Single or duplex with 2, 3 or 4 wire connection.  Tolerance: Class B to BS EN 60751:2008
<b>THERMOCOUPLE SENSOR</b>	Single, duplex Type: T, E, J to BS EN 60584-1:2013.
<b>TERMINATION</b>	Lead length: PFA insulated leads as required  Transmitter: Can be specified with a temperature transmitter for 4-20mA output. Programmable and HART versions.  Wall mounting for transmitter
<b>OPTIONAL EXTRAS</b>	
<ul style="list-style-type: none"> <li>• PFA leads with stainless steel overbraid</li> <li>• Stainless steel 7mm conduit for added mechanical protection</li> <li>• 3.1 material certs for wetted parts</li> <li>• UKAS temperature calibration</li> </ul>	

### Datasheet : 070

Please download PDF and fill in the boxes. Use 'Additional Information' for non standard requests.  
Return form to sales@thermal-detection.com or fax to +44 1642 618307

Name: \_\_\_\_\_ Email: \_\_\_\_\_  
 Organisation: \_\_\_\_\_ Tel: \_\_\_\_\_  
 Country \_\_\_\_\_

**Section 1** - unit dimensions in mm, select options required



**Section 2** - Sensor Configuration

Sensor Number	Thermocouple Only		PT100 Only	
	Hot Junction	Type	Type	Wires
Single	G Grounded	Type 'T'	Class 'B'	2 wire
Duplex	s Insulated	Type 'K'	Class 'A'	3 wire
		Type 'J'		4 wire
		Type 'E'		

**Section 3** Transmitter Option

Transmitter only			
Transmitter and KF wall mounted enclosure			
Transmitter ranging (min/max °C)			

**Section 4** - Application Details

Number of probes required \_\_\_\_\_ Additional information \_\_\_\_\_

Industry Type \_\_\_\_\_