

Features

- Direct connection to HazardPRO node
- Fixed cable with M12 connector included
- 2-wire (current loop type)
- Installs in bearing zerk or thermowell
- Probe lengths available 2", 4", 6", 10"
- Optional stainless steel jacketed cable



Polyurethane Cable



Stainless Steel Jacket Over Polyurethane Cable

Description

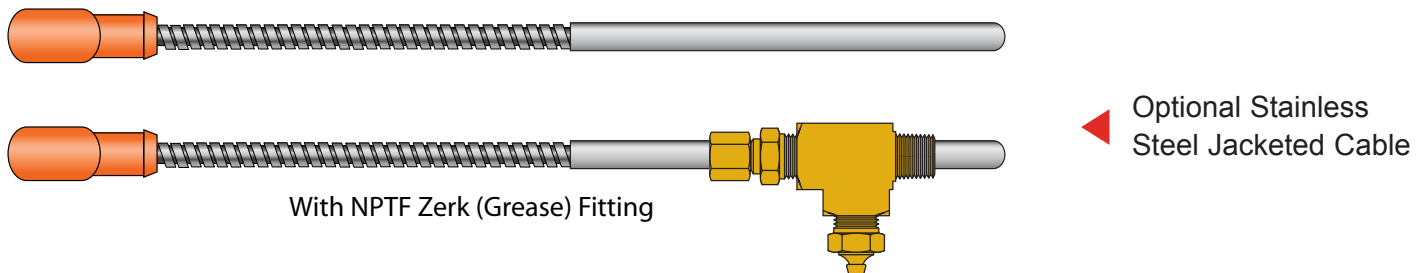
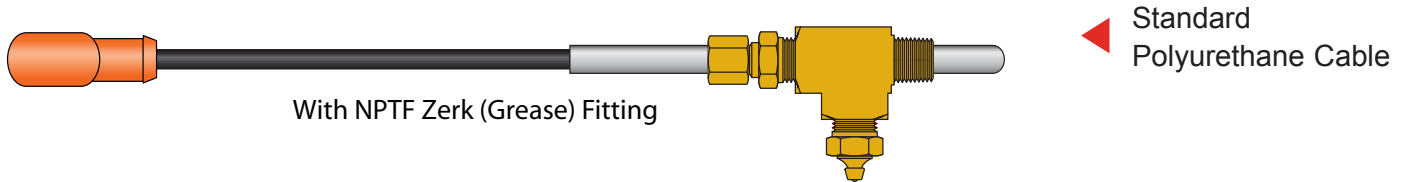
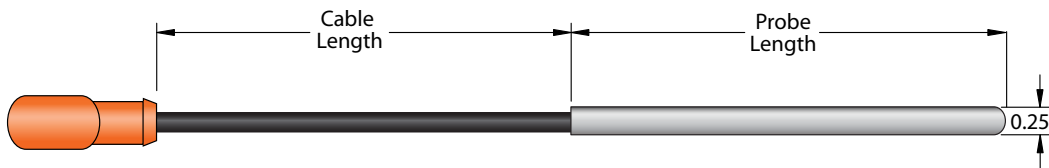
HazardPRO bearing temperature sensors connect directly to the HazardPRO transmitter node as an integral part of the hazard monitoring system. The user installs the sensor and connects it to the node, no user calibration is required.

Models

1/4" stainless steel probe is used with bearings, thermowells, and compression fitting mounts on tanks and piping.

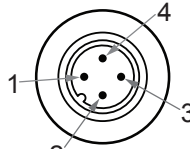
Available with or without compression fitting adapters

Dimensions



HazardPRO Bearing Temperature Sensor

Specifications	
V =	5 - 30 VDC
I =	$273.15 \mu\text{A} + \left(\frac{1 \mu\text{A}}{^{\circ}\text{C}}\right) * T (^{\circ}\text{C})$
Operating Temperature (Measurement Probe)	-40 °C → +120 °C (-40 °F → +248 °F)
Operating Temperature (Ambient)	-25 °C → +75 °C (-13 °F → +167 °F)
Accuracy	±1 °C (at 25 °C) ±3 °C (at -40 °C, 120 °C)
Cable Material	Standard: Polyurethane Optional: Stainless Steel Jacketed Polyurethane
Cable Connector	M12, 4-pin pin 2 (+) pin 4 (-) pin 1 (N.C.) pin 3 (N.C.) N.C. = not connected



I.S. Entity Parameters	
Ui	21 V
Ii	21 mA
Pi	0.11 W
Ci	0 μF
Li	0 μH



Intertek

Class II, Div 1, Groups E, F, G, Class III, Div 1
Zone 20, AEx ia IIIC T100 °C Da T5
-25 °C ≤ Ta ≤ 75 °C Type 4X, IP65
Install per user's manual (990-006600)
and control drawing (990-006700)

Specifications subject to change without notice.

Ordering

Cables	Part Number
Polyurethane Jacket (3 Meter)	775-007005
Stainless Steel Jacketed Polyurethane (3 Meter)	775-007006

Extension Cables	Part Number
Polyurethane Jacket (2 Meter)	775-007140
Polyurethane Jacket (5 Meter)	775-007142
Polyurethane Jacket (10 Meter)	775-007144
Stainless Steel Jacketed Polyurethane (2 Meter)	775-007141
Stainless Steel Jacketed Polyurethane (5 Meter)	775-007143
Stainless Steel Jacketed Polyurethane (10 Meter)	775-007145

Accessories

Accessory	Part Number
1/8" - 1/4" NPT Adapter, Stainless Steel	300-004100
1/8" - 1/2" NPT Adapter, Stainless Steel	300-004101
1/4" Diameter Compression Fitting 1/8" NPTF male, Brass	300-003202
Brass Grease Fitting 1/8" NPTF	300-003203
Stainless Steel Conduit Fitting	725-000806

Customization

If one of standard products does not meet your specifications, please do not hesitate to call one of our applications specialists. Many of our products can be customized to fit specific needs.

Additional Information

For more information about HazardPRO bearing temperature sensors, please contact Electro-Sensors.