



PRODUCT DATASHEET
PT-100-3L Ex i
RTD TEMPERATURE SENSOR

APPLICATION

The PT-100-3L Ex i temperature sensor is designed for use as control input for freeze protection and temperature maintenance heat tracing applications requiring pipewall or tankwall temperature sensing.

The PT-100-3L Ex i is for use with the TraceNet ECM, Electronic Control Module.

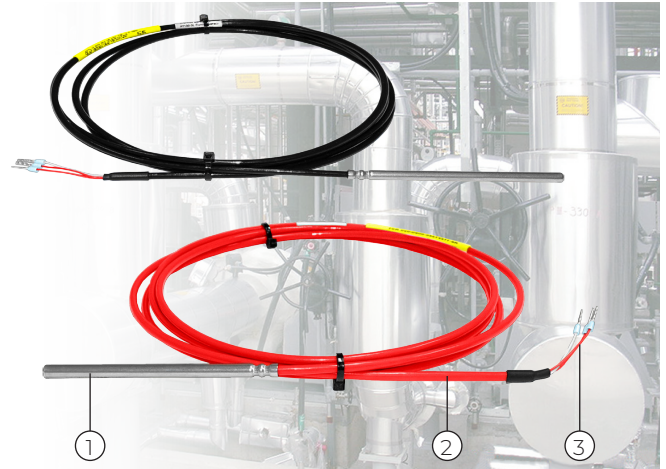
RATINGS

RTD lead wire
 3 x 0,22 mm² fluoropolymer insulated
 RTD lead wire outer jacket..... Fluoropolymer
 Resistance.....100 Ohm @ 0°C
 Sheath material..... 321 stainless steel
 Accuracy.....Class A (DIN60751)
 Length of cable¹..... 2 meters
 Cable temperature range..... -60 to +260°C

CERTIFICATIONS/APPROVALS

CE 0637 Ex II 2G Ex ia IIC T6..T1 Gb
 IBExU13ATEX1079X

IEC IECEx IBE15.0014X



CONSTRUCTION

1. RTD probe (length 90 x diameter 6 mm)
2. RTD fluoropolymer outer jacket²
3. RTD lead wires

Notes

1. Longer lengths are available. Contact Thermon for additional information.
2. A black outer jacket indicates a control sensor, red indicates a limiter sensor.

European Headquarters: Boezemweg 25 · PO Box 205 · 2640 AE Pijnacker · The Netherlands · Phone: +31 (0) 15-36 15 370
United States: 100 Thermon Dr · PO Box 609 San Marcos, TX 78667-0609 · Phone: 512-396-5801 · 1-800-820-4328
 For the Thermon office nearest you visit us at www.thermon.com