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.

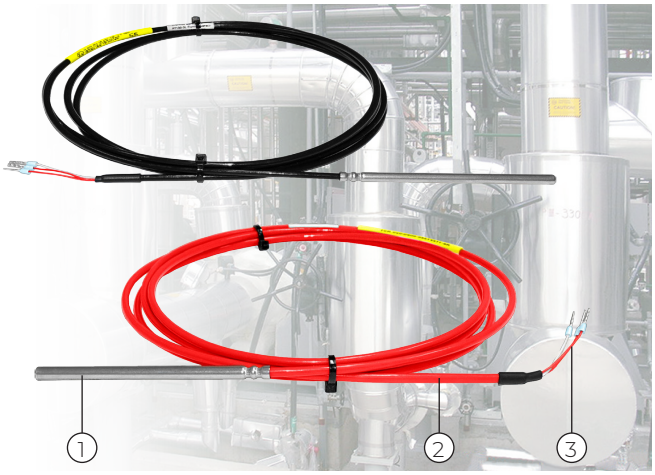
RATINGS

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 cable [1] ..... 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 jacket [2]
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.

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