



TR40 / TR10 SENSORS

ROOF DE-ICING / PIPE TRACE

Cable resistance thermometer RTD

DESCRIPTION

Cable resistance thermometers are particularly suited to those applications in which the metallic probe tip is mounted directly into bored holes, for example in machine components, or directly into the process for any application with no chemically aggressive media or abrasion.

The TR40 and TR10 sensors have a large number of different explosion protection approvals.

The standard version the cable probes are manufactured without process connections. Fastening elements such as threaded connections and compression fittings can also be used.



FEATURES

TR40 RTD Sensors

- MI cable (mineral insulated).
- SS straight 100 Ohm 3-wire.
- 10 to 20 ft. lead lengths.
- 120 to 240 ft. cable lengths.
- Class A & B sensing accuracy.

TR10 RTD Sensors

- 100 Ohm 3-wire.
- 3/4 NPT cable entry.
- IP66/NEMA4X.
- MI cable sheath.
- Aluminum connection head.

Temperature range

- Sensor ranges from -196 to +600 °C (-320 to 1,112 °F).

Connection

- Single and dual element connection methods.
- Single-element 1x2/3/4 wire, dual-elements 2x2/3/4 wire.
- Use for insertion or screw-in with optional process connection.
- Different onnection housing options. Versions with/without connector or connection housing.

Cable compatibility

- Can be used with cables made of PTFE, PFA, silicone and other cable sheath materials.

Hazardous locations

- Explosion proof versions available for many approval types.

MODELS

PRODUCT #	DESCRIPTION
TR40-56059710	RTD sensor SS straight 100 ohm 3 wires 10 ft. (3 m) cable, -30 °C to 250 °C
TR40-56053008	RTD sensor SS straight 100 ohm 3 wires 20 ft. (6 m) cable, -196 °C to 600 °C
TR10-56008836	RTD sensor SS straight 100 ohm 3 wires
09-92125	RTD assembly class A, 100 ohm 3 wires IP66/NEMA 4X