

Resistance thermometer with M12 electrical connection

Series 74-WTH

Resistance thermometers with a machine electrical connectors are designed for temperature measurements in low-pressure installations, machines and production lines where small dimensions, high tightness and vibration resistance are required.

Depending on the type of measuring insert and protection tubes probes are used for measuring temperatures up to +400°C.

As standard, the sensors are made in a simple metal form tube closed at the bottom with placed inside measuring insert. The electrical connection is made via an M12 4-pin connector or plug-in according to DIN EN 175301-803-A (DIN 43650A). Resistance characteristics and limit deviations resistance sensors (Pt100, Pt1000, Pt500) are compatible with standard EN 60751 (IEC60751).

The 74-WTH series includes following constructions:

- Sensors with M12 connector (4 pins)
- Sensors with M12 connector with temperature transmitter
- Sensors with plug connectors according to DIN EN 175301-803-A (DIN 43650A)
- Sensors with plug connector DIN EN 175301-803-A with built-in temperature transmitter

Technical specifications

| | |
|-----------------------|---------------------------|
| Measuring insert | 1x Pt1000 4-wire |
| Measuring range | -20...+180°C |
| Accuracy | class A acc. to IEC 60751 |
| Diameter D | 6mm |
| Nominal length NL | 150mm |
| Material | stainless steel |
| Electrical connection | M12, 4-pin |

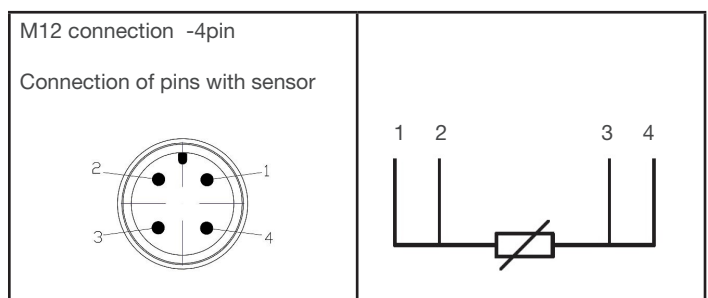


Description

| | |
|----------------|---------------------|
| Type | 74-39160001-0150.TM |
| Article number | 19043896 |

Resistance thermometer 1xPt1000 -4wire, accuracy class A according to IEC 60751. Electrical connection M12, 4-pin.

Electrical connections



Mounting accessories, screw fittings, flanges, mounting tubes are included in other catalog cards and on the website.

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