

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.

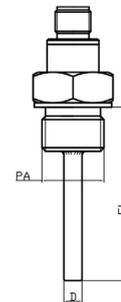
As standard, the sensors are made in a simple metal form tube closed at the bottom with placed inside measuring insert. The electrical connection is made via an M12 4-pin connector or plug-in according to DIN EN 175301-803-A (DIN 43650A). Resistance characteristics and limit deviations resistance sensors (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 Pt100 3-wire
Measuring range	-20...+180°C
Accuracy	class A acc. to IEC 60751
Diameter D	6mm
Installation length EL	150mm
Material	stainless steel
Process connection	thread G1/2"
Electrical connection	M12, 4-pin,

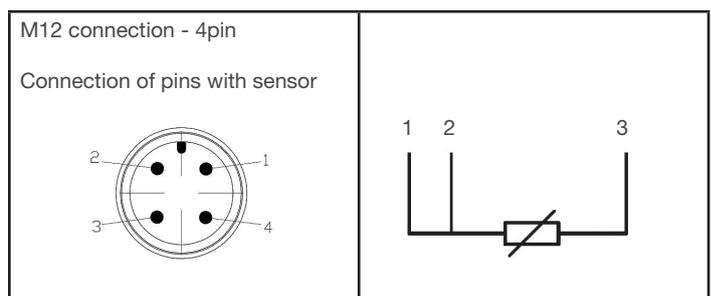


Description

Type	74-23160001-0150.G012.TM
Article number	16019799

Resistance thermometer 1xPt100 3-wire with G1/2" threaded process connection and M12 electrical connection.

Electrical connections



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