

## Resistance thermometer with M12 electrical connection

### Series 74-WTH

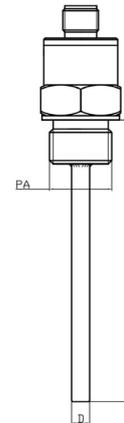
Resistance thermometers with a machine electrical connectors are designed for temperature measurements in low-pressure installations, machines and production lines where small dimensions, high tightness and vibration resistance are required.

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



### Description

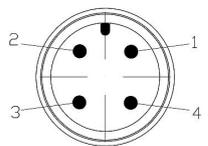
Type	74-23360001-0100.G012.TM
Article number	16019805

Resistance thermometer 1xPt100 with built-in temperature transmitter with 4...20mA output and threaded process connection G1/2".

### Technical specifications

Measuring insert	1x Pt100 3-wire
Temperature range	-20...+180°C
Accuracy	klasa A wg IEC 60751
Diameter D	6mm
Installation length EL	100mm
Material	stainless steel
Process connection PA	thread G1/2"
Electrical connection	M12, 4-pin
Temperature transmitter	scale 0...+100°C output 4...20mA supply DC 24V (10...32V)

### Electrical connections

M12 connection - 4pin supply 10...32V DC 1 + 3 - analog output 4...20mA 1 + 3 - Pins 2 and 4 are not used.	
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Mounting accessories, screw fittings, flanges, mounting tubes are included in other catalog cards and on the website.