GÜNTHER
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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
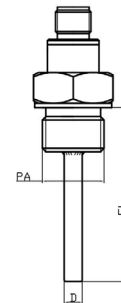tubes probes are used for measuring temperatures
up to +400°C.

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
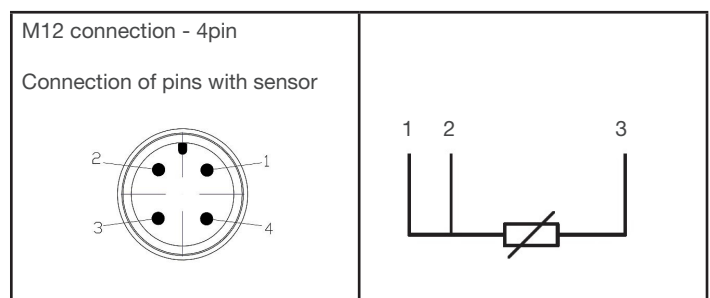

Description

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

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

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,

Electrical connections

M12 connection - 4pin

Connection of pins with sensor

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

V0119EN

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