

Pressure Transmitter With Current Output (2-Wire) PT0.05R-1504-I2-H1143/D830





- Ceramic measuring cell
- Extremely high measuring accuracy
- Compact and robust design
- Excellent temperature behavior
- Pressure range 0...50 mbar rel.
- 10...30 VDC
- Analog output 4...20 mA
- Process connection G1/4" male thread (back sealing) according to DIN EN ISO 1179-2 with FPM profile sealing ring
- Connector device, M12 × 1

Wiring Diagram



Functional principle

The pressure sensors in the PT...-1500 product series operate with a ceramic measuring cell in various micropressure ranges of up to -100...600 mbar in 2- or 3-wire technology. Depending on the sensor variant, the processed signal is available as an analog output signal (4...20 mA, 0...10 V, 0...5 V, ratiometric).

In addition to the standard variants, there are special sensors for uses such as ATEX areas.

Туре

ID



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-25+85 °C
± 0.07 % FS/10 K
-25+85 °C
-40+85 °C
20 g, 152000 Hz, 1525 Hz with amplitude \pm
15 mm, 1 octave/minute in all 3 directions, 50 con-
tinuous loads, according to IEC 68-2-6
50 g, 6 ms, half sinusoidal curve, all 6 directions,
free fall from 1 m onto concrete (6x) acc. to IEC
68-2-27
Staiploss steel/Digetie 1 4404 (AISI 246) Vischart
Stainless-steel/Plastic, 1.4404 (AISI 316L)/polyary-
lamide 50 % GF UL 94 V-0
Stainless steel 1.4404 (AISI 316L)
EPDM
G1/4" male thread (back sealing) according to DIN
EN ISO 1179-2 with FPM profile sealing ring
27
Connector, M12 × 1
27 Nm
15+25 °C
8001060 hPa abs.
45 % rel.
24 VDC
cULus
E302799
965 years acc. to SN 29500 (Ed. 99) 40 °C
Profile seal FKM special (1 pc)

A wide range of process connections and electrical connections offer a high degree of flexibility in a wide range of applications.