

High pressure differential sensor ZDT-H

Versatile and reliable differential pressure transmitter - ready for almost any media

- ☑ Compatible to liquids, oils and gases
- ☑ Long-term stability due to piezoresistive measuring element
- ☑ Compensation of offset errors by zeroing after installation
- ☑ Switchover of the analog output voltage to double or half the differential pressure range
- ☑ 4-digit LCD-Display



Technical data

Characteristics

Type of measurement	Differential pressure
Design	Plastic with LCD-display (optionally)
Excess pressure	1.2* (1.5*) x Nominal pressure

Measuring element and parameters

Total error	± 2.5 % FS (typ. ± 0.5 %)
Linearity	± 1 % FS
Signal output	0...10 V 4...20 mA, 2-wire 4...20 mA, 3-wire

Operating conditions

Operating voltage	14...28 VDC ± 10 %
Operating temperature	0...+50 °C
Storage temperature	-20°C...+120°C

Connections

Electrical connection	Internal PCB terminal
Process connection	G1/4" (others upon request)

Pressure ranges

in bar

- ☑ 5...1.000

Applications

- ☑ Hydraulics
- ☑ Pneumatics
- ☑ Environmental engineering
- ☑ Process technology
- ☑ Semiconductor technology
- ☑ Automotive
- ☑ Air conditioning
- ☑ Industrial robots

Certifications

The device complies with the following standards:

- ☑ EN 50082-1
- ☑ EN 50082-2

Technical modifications reserved

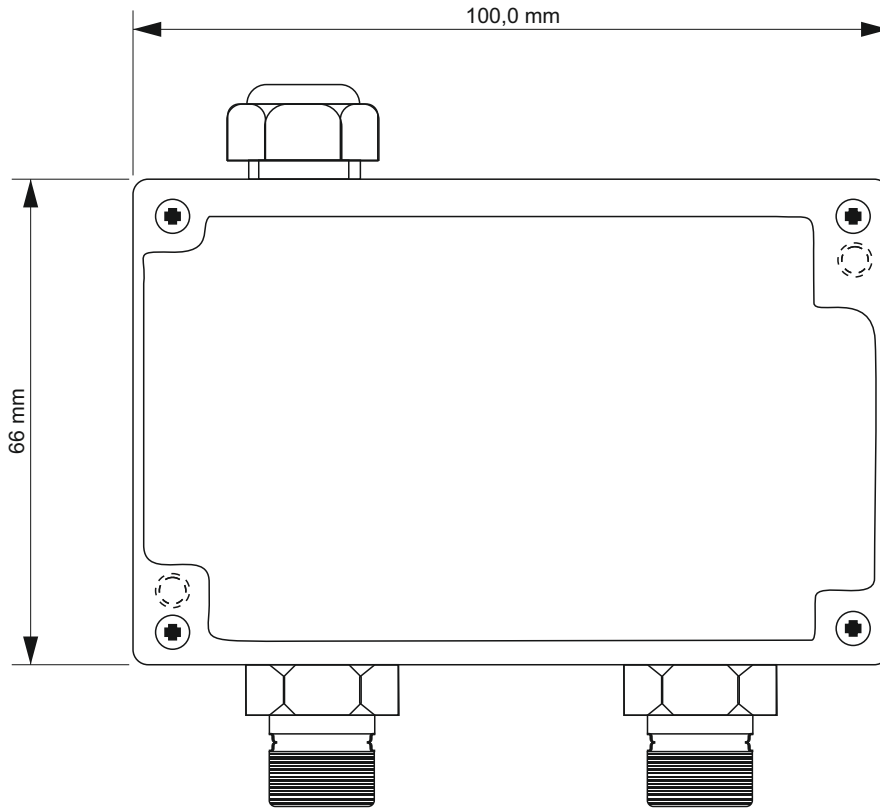
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High pressure differential sensor ZDT-H

Design and dimensions



Order

Scope of delivery

Differential pressure transmitter ZDT-H

Options for your order

Desired pressure range as indicated
Signal output as indicated
Process connection, others upon request
LCD-Display

Technical modifications reserved

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