

Overview Differential pressure sensors

Low pressure differential sensors ZS-1 / ZS-2

Air and non-aggressive gases

Housing	aluminum
Dimensions (without connections)	LxWxH: 64 x 58 x 34 mm
Measuring ranges	0...2.5 mbar (ZS-1) 0...1,000 mbar (ZS-2)
Response Time	< 2.5 s
Signal output	4...20 mA or 0...10 V
Operating voltage	24 VDC/AC $\pm 10\%$ (0...10 V) 15...30 VDC (4...20 mA)
Operating temperature	-20...+50 °C



Low pressure differential sensor ZDT-N



Air and non-aggressive gases

Housing	Plastics with LCD-Display
Dimensions (without connections)	LxWxH: 100 x 66 x 47 mm
Measuring ranges	0...1 mbar 0...200 mbar
Total error	$\pm 2.5\%$ FS (typ. $\pm 0.5\%$)
Signal output	4...20 mA or 0...10 V
Operating voltage	14...30 VDC (0...10 V) 12...30 VDC (4...20 mA)
Operating temperature	0...+50 °C

High pressure differential sensor ZDT-H

Liquids, Oils and gases

Housing	Plastics with LCD-Display
Dimensions (without connections)	LxW: 100 x 66 mm
Measuring ranges	5...1,000 bar
Total error	$\pm 2.5\%$ FS (typ. $\pm 0.5\%$)
Signal output	4...20 mA oder 0...10 V
Operating voltage	14...28 VDC $\pm 10\%$
Operating temperature	0...+50 °C
Process connection	G1/4" (others upon request)



Technical modifications reserved

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