

DIFFERENTIAL PRESSURE TRANSMITTER

with ceramic sensor

Measuring ranges 0... 0,6 bar up to 0...10 bar



DRUCK & TEMPERATUR

Versatile differential pressure transmitter for measuring overpressure, underpressure and differential pressure of neutral liquids and gases.

Application

Industry

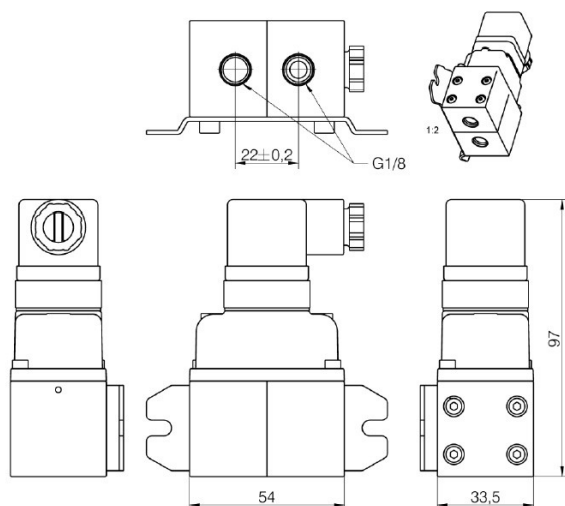
Heating, ventilation and sanitary



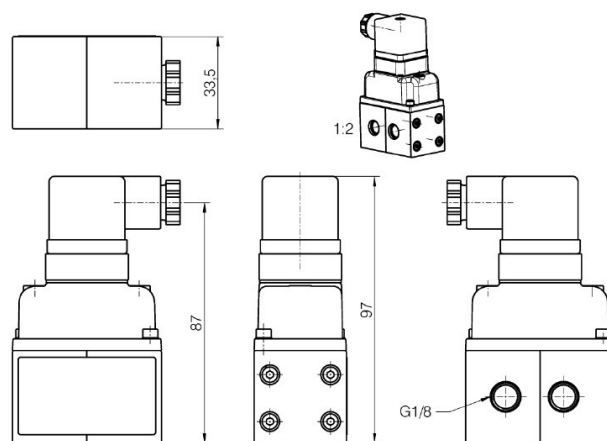
Type	5360	Options												
Measuring ranges	0...0,6 up to 0...10 bar													
Measuring accuracy	Deviation ≤ 1,0 % (including non-linearity and hysteresis) at 0...0,6 bar ≤ 1,6%													
Overpressure safety	<table> <tr> <td>Measuring ranges</td><td>(+) side</td><td>(-) side</td></tr> <tr> <td>0...0,6 up to 0...2,5 bar</td><td>10 bar</td><td>5 bar</td></tr> <tr> <td>0...4 bar up to 0...6 bar</td><td>21 bar</td><td>15 bar</td></tr> <tr> <td>0...10 bar</td><td>25 bar</td><td>25 bar</td></tr> </table>	Measuring ranges	(+) side	(-) side	0...0,6 up to 0...2,5 bar	10 bar	5 bar	0...4 bar up to 0...6 bar	21 bar	15 bar	0...10 bar	25 bar	25 bar	
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0...0,6 up to 0...2,5 bar	10 bar	5 bar												
0...4 bar up to 0...6 bar	21 bar	15 bar												
0...10 bar	25 bar	25 bar												
Burst pressure	64 bar both-sides													
Material														
Closing lid	Zamak ZL0400 (GD-ZnAL4)													
Pressure chamber	Brass	Pressure chamber 1.4305												
Wall bracket	1.4301	Process connection 1.4571												
Electrical plug	Polyamid													
Process connection	Brass, nickel-plated													
Material wetted parts														
Pressure chamber	Brass	Pressure chamber 1.4305												
Sensor	Ceramics AL ₂ O ₃ with Parylene coating													
O-Ring	EPDM													
Process connection	G1/8, female	Cutting ring screw for pipe 6/8 mm O-ring EPDM or Pneumatic plug connector for hose 6/4 or 8/6 mm, O-ring NBR												
electrical connections	5 x 0,34 mm ² PUR-cable with M12 coupling, straight, 1 m	Length 2, 5, 7, 10,15 m												
Temperatures	Ambient: -20°C...+80°C Medium: -20°C...+90°C Storage: -20°C...+80°C													
Protection	IP65 according to DIN EN 60529													
Power supply	Rated voltage 24V _{AC} oder 24V _{DC} Admissible operating volt. U _b =19,2...28,8V _{AC/DC} Power consumption < 1,5 W(VA)													
Output signal	3-wire 4...20 mA, limits max. 21 mA Load 24 V _{DC} ≤700Ω, 24 V _{AC} ≤400Ω	0...10 V / 3-wire Load > 2kΩ												

Type 5360

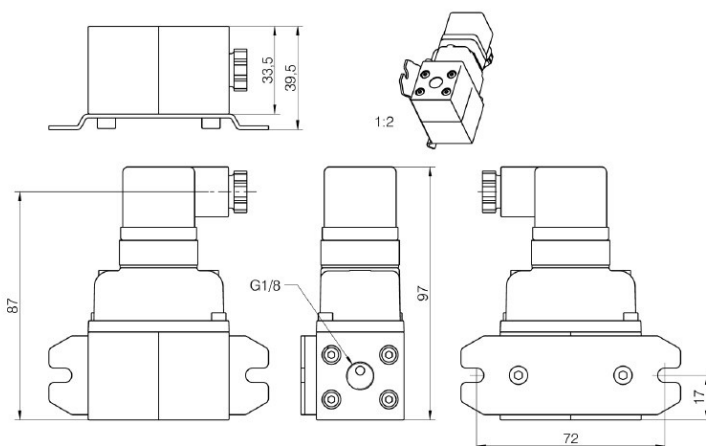
Process connection bottom



Process connection back

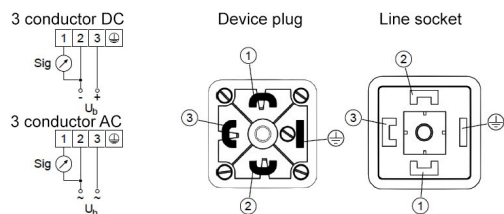


Process connection side (axial)

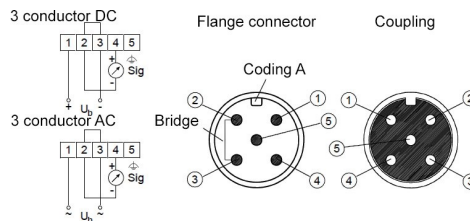


Electrical connections

Standard plug DIN EN 175 301-803-A



M12 plug DIN EN 61079-2-101



Connection cable - silicone- and halogen-free control cable
4 x 0,5 mm² up to max. 1,5 mm²

Connection cable - flexible silicone- and halogene-free control cable
(5x0,34 mm²) with axial M12 coupling