

- Accuracy $\pm 0.075\%$
- Measurement of relative and absolute pressure
- Process connections: male or female threaded, type or for vacuum
- Two wires with HART communication
- Matrix backlight display
- Fast time responsive self-diagnostics
- ATEX



It is a pressure transmitter designed for use in industrial processes, very flexible in its use due to the high rangeability and the various process connections available. Thanks to its innovative technology the measurement is particularly stable over time and accurate. The internal temperature sensor corrects deviations of the measurement due to thermal variations in the process.

TECHNICAL FEATURES

Power supply

12÷42Vdc (2-wires)

Analog output resolution

15 bit

Communication protocol

HART

Zero and span calibration

onboard buttons

Data display

backlit alphanumeric display

IP rating

IP67

Accuracy

$\pm 0.075\%$

Stability

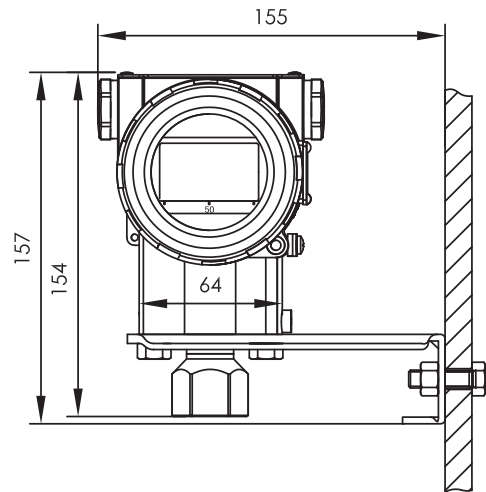
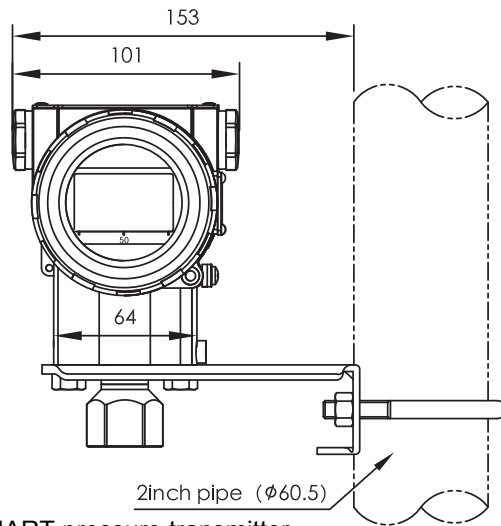
$> \pm 0.1\%FS$

Working temperature

$-40^{\circ}\div+85^{\circ}C$

Certification

Atex



HART pressure transmitter

IP67 - Working temperature range: $-40 \div +85^{\circ}\text{C}$
 Power supply: $12 \div 42\text{Vdc}$ (2-wire)
 $4 \div 20\text{mA}$ HART - Fully sealed welding

Accuracy	
H	$\pm 0,075\%$

Measure range	
B	0 - 0,6kPa $\div$ 6kPa (0 - 6 $\div$ 60mbar) gauge p. / Max overload 10bar
C	0 - 2kPa $\div$ 40kPa (0 - 20 $\div$ 400mbar) gauge p. / Max overload 10bar
D	0 - 2,5kPa $\div$ 250kPa (0 - 25 $\div$ 2500mbar) gauge p. / Max overload 40bar
F	0 - 30kPa $\div$ 3MPa (0 - 0,3 $\div$ 30bar) gauge p. / Max overload 150bar
G	0 - 0,1MPa $\div$ 10MPa (0 - 1 $\div$ 100bar) gauge p. / Max overload 200bar
H	0 - 0,21MPa $\div$ 21MPa (0 - 2,1 $\div$ 210bar) gauge p. / Max overload 500bar
I	0 - 0,4MPa $\div$ 40MPa (0 - 4 $\div$ 400bar) gauge p. / Max overload 500bar
J	0 - 0,6MPa $\div$ 60MPa (0 - 6 $\div$ 600bar) gauge p. / Max overload 500bar
L	0 - 2kPa $\div$ 40kPa (0 - 20 $\div$ 400mbar) absolute p. / Max overload 10bar
M	0 - 2,5kPa $\div$ 250kPa (0 - 25 $\div$ 2500mbar) absolute p. / Max overload 40bar
O	0 - 30kPa $\div$ 3MPa (0 - 0,3 $\div$ 30bar) absolute p. / Max overload 150bar

Housing / membrane / filling liquid	
A	Aluminum / SS316L / silicone oil
B	Aluminum / SS316L / fluorinated oil
C	Aluminum / Hastelloy C / silicone oil
D	Aluminum / Hastelloy C / fluorinated oil
E	SS316L / SS316L / silicone oil
F	SS316L / SS316L / fluorinated oil
G	SS316L / Hastelloy C / silicone oil
H	SS316L / Hastelloy C / fluorinated oil

Process connection	
1	1/2" NPT female SS316 thread
2	1/2" NPT male SS316 thread (inner 1/4" NPT female)
3	M20 x 1,5 male SS316
4	1/2" G male SS316 thread
5	Vacuum connection ISO 2861 SS316 (max 2,5bar)
6	1/4" NPT male SS316 thread
9	Special

Special functions	
N	None
O	Degrease cleansing treatment (just with fluorinated oil)
P	Anti-lightning

Fixing bracket for panel and pipe mounting (2")	
1	SS304
2	Galvanized carbon steel
N	None

Display	
2	Backlit LCD
N	None

Certification	
A	Intrinsically safe ATEX II 1/2G Ex ia IIC T4 Ga/Gb
D	Explosion proof ATEX II 2 G D Ex db IIC T4/T5/T6 Gb Ex tb IIIC T80°C/T90°C/T130°C - Ta = $-40^{\circ}\text{C} \div +60^{\circ}\text{C}$
N	None