



## SPECIFICATIONS

<b>Nominal pressure ranges</b>	10, 50, 100, 200, 500 or 1000 bar gauge
<b>Range adjustment interval</b>	25 % to 125 % of nominal pressure range
<b>Pressure limit</b>	200 % without damage
<b>Materials</b> <ul style="list-style-type: none"><li>- in contact with media</li><li>- electronic housing</li><li>- nut and tube spacer</li></ul>	Titanium grade 5 Stainless steel 1.4404 Stainless steel 1.4057
<b>Supply</b> <ul style="list-style-type: none"><li>- BAT battery</li><li>- V external supply</li></ul>	9 V type 6LR61, max. 0,5 mA (ON)/ 0,07 mA (OFF) 5 to 31.2 Vdc, max 30 mA, configuration dependant
<b>Display</b>	5 numerical digits, 3 digits for units and 6 indicators
<b>Analog output signals (only with external supply)</b> <ul style="list-style-type: none"><li>- A</li><li>- B</li><li>- BA</li><li>- C</li><li>- E</li></ul>	Configurable 4-20 mA, 2-wire (No alarm outputs) 0-20 mA, 3-wire 4-20 mA, 3-wire 0-5 V, 3-wire 0-10 V, 3-wire
<b>Alarm outputs (only with external supply)</b>	2 pcs. open collector, normally ON
<b>Alarm limits</b>	110 % of pressure range. Alarm 2 adjustable
<b>Non-linearity incl. hysteresis</b>	< 0.5 % of FSO from best fit straight line
<b>ZERO button</b>	Zeroes display and output when activated.
<b>ON button</b>	ON/OFF toggle button (V-version with 5 s OFF delay)
<b>MODE button</b>	Selects display reading/measurement
<b>Response time</b>	20 ms to 13 s (configurable)
<b>Communication port</b>	RS232D (future option)
<b>Temperature ranges</b> <ul style="list-style-type: none"><li>- media short term</li><li>- media working</li><li>- electronics</li></ul>	-25 °C to +150 °C -25 °C to +100 °C -25 °C to +70 °C
<b>Temperature measurement</b>	-25 °C to +130 °C, ±3 °C accuracy
<b>Environmental conditions</b> <ul style="list-style-type: none"><li>- vibration</li><li>- shock</li><li>- electromagnetic immunity/emission</li></ul>	According to IEC 68-2-6: 10-150 Hz, 0.35 mm/5g According to IEC 68-2-27: 200 g half sine, 1 ms According to EN 61326
<b>Connection</b> <ul style="list-style-type: none"><li>- connector</li><li>- cable gland</li></ul>	5-pole M12 stainless steel PG9 for shielded cable, outer diameter ø4-8 mm
<b>Weight</b>	400 g
<b>Protection class</b>	IP67

## INSTALLATION

Place the unit with a 18\*3 mm O-ring sealing and back-ring made of a materials compatible with the pressure media. Tighten and secure the nut with a locking adhesive if exposed to vibrations or harsh dynamic pressures. Switch ON when battery powered, or connect the electronics following the connection sign placed along the battery holder, and switch ON. Change the configuration or ZERO the output if necessary.

## ORDERING INFORMATION

DPI x x x  
supply: BAT/V  
analog output signals for "Certificate of Accuracy": A/B/BA/C/E  
pressure range in bar

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