



1) Display and control panel 2) Process connection 3) Housing rotatable 320°



Display/Operation

Switching function display LED

Electrical connection

Connection M12x1-Male, 4-pole, A-coded
 Short-circuit protection yes

Electrical data

Current draw max. 50 mA
 Load cycles 100 million
 MTTF (40 °C) 368 a
 Operating voltage U_b 18...36 VDC
 Output current max. 500 mA
 Polarity reversal protected yes
 Protection class III
 Switching cycles min. 100 million
 Switching frequency 200 Hz

Environmental conditions

Ambient temperature -25...85 °C
 Compensation temperature -25...85 °C
 EN 60068-2-27, Shock 30 g, 11 ms
 EN 60068-2-6, Vibration 30 g, 10...2000 Hz
 Interference immunity EN 61000-6-2: 2005
 Media temperature -25...125 °C
 Noise emission EN 61000-6-4: 2013
 Protection type IEC 60529 IP67
 Storage temperature -40...85 °C
 Temperature coefficient typ. $\leq \pm 0.3$ % FSO/10K

General data

Approval/Conformity CE
 Operating panel 2 buttons
 320° rotation
 4-digit, 7-segment display, red

Material

Gasket, material FKM
 Housing material PA, PA 6.6
 Measuring cell, material Ceramic Al₂O₃
 Process connection material Stainless steel (1.4301)

Mechanical data

Process connection G 1/4" (DIN 3852)
 Tightening torque max. 5 Nm
 Weight 230.00 g

Output/Interface

Analog output Analog, current, 4...20 mA
 Switching output PNP

Range/Distance

Accuracy ± 0.5 % FSO BFSL
 Burst pressure 1000.00 bar
 Long-term stability max. 0.3 % FSO/year
 Measuring range 0...400 bar
 Overload pressure 650 bar
 Repeat accuracy R $\leq \pm 0.2$ % FSO
 Resolution ≤ 12 Bit
 Sampling rate 1 ms

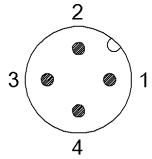
Remarks

vacuum-tight
Permissible burden on analog output $R_{max} = 330 \text{ Ohm}$

For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.

Connector view



Wiring Diagram

