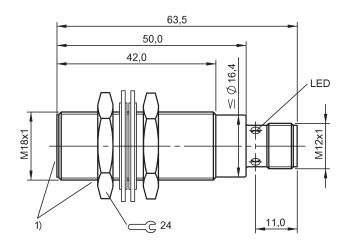
# BES M18EG1-PSC10Z-S04G-S11 BES02Y3





### 1) Area of pressure resistance

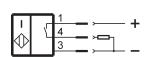
- PNP
- Normally open (NO)
- 10.00 mm
- Quasi embeddable
- Connector, M12x1-S04

General attributes Approvals / Conformity

Basic standard Enclosure Type per IEC 60529 Function indicator
Operating distance marking Polarity reversal protected Power indicator Short circuit protected Trademark MTTF (40°C)

# **Electrical attributes**

Connection type
Eff. operating current le
Eff. operating voltage Ue DC Electrical version
Load capacitance max. (at Ue) Max. no-load cur. lo undamped Minimum operating current Im No-load current Io damped max. Operating voltage UB max. DC [V] Operating voltage UB min. DC [V] Rated insulation voltage Ui Rated short circuit current Ripple max. (% of Ue) Switching freq. f max. (at Ue) Switching function Switching output



CE cULus EAC IEC 60947-5-2 IP67 Yes Yes No Yes SteelFace

375 a

Connector 200 mA 24.0 V DC, direct current 1.000 µF 9.0 mA 0 mA 16.0 mA 30.0 V 10.0 V 75 VDC 100 A 15 % 200 Hz Normally open (NO) PNP









Voltage drop static max.

Mechanical attributes Ambient temperature Ta max. Ambient temperature Ta min.

Assured operating distance Sa Connector type Depth Diameter d1 Eff. operating distance Sr Housing material Mech. installation condition

Mounting length Pressure resistance Rated operating distance Sn [mm] Sensing face material Tightening torque

70 °C -25 °C 8.10 mm M12x1-S04 63.5 mm M18x1 10.00 mm Stainless steel Quasi embeddable

2.0 V

42.0 mm pressure-rated up to 60 bar 10.00 mm Stainless steel 50 Nm ±10 %

# Remarks

The sensor is functional again after the overload has been eliminated. When installing in metals the switching distance may be reduced by upto 50 %. See Installation Instruction 841020.
Installation permitted only in clamp with no positive stop.
LED flashes between 100 % and approx. 70 % of Sr

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.



