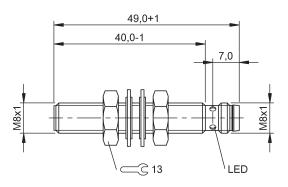
Inductive sensor

## BES M08EG-PSC15A-S49G-W BES02YR





- PNP
- Normally open (NO) 1.50 mm
- Flush (shielded) Connector. M08x1-S49

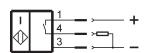
#### General attributes Additional features

Approvals / Conformity

Basic standard Enclosure Type per IEC 60529 Function indicator Magnetic field immune Polarity reversal protected Power indicator Short circuit protected Trademark

## Electrical attributes

Connection type Eff. operating current le Eff. operating voltage Ue DC Electrical version Load capacitance max. (at Ue) Magnetic field strength 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



Weld-spatter resistant Factor 1 CE FAC IEC 60947-5-2 IP67 Yes immune to magnetic DC and AC fields Yes No Yes Factor 1

Connector 150 mA 24.0 V DC, direct current 1.000 µF 100 kA/m 15.0 mA 0 mA 15.0 mA 30.0 V 10.0 V 75 VDC



# C€ FAL

Rated short circuit current Ripple max. (% of Ue) Switching freq. f max. (at Ue) Switching function Switching output 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 Rated operating distance Sn [mm] Sensing face material Surface protection Tightening torque

100 A 10 % 2000 Hz Normally open (NO) PNP 2.5 V

70 °C -25 °C 1.20 mm M08x1-S49 49.0 mm M08x1 1.50 mm 1.4301 Flush (shielded) 40.0 mm 1.50 mm PBT + PTFE PTFE coating 10 Nm

### Additional text

EMC: For operating conditions with noise factors; external protectioncircuit required. Document 825345. The sensor is functional again after the overload has been eliminated.

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For definitions of terms, see main catalog Subject to change