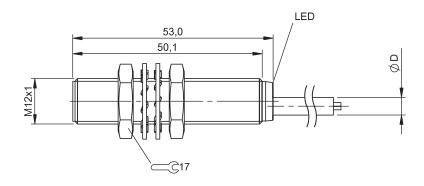
Inductive sensor

## BES M12MI-PSC40B-BP03 **BES0062**





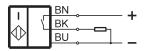
- PNP
- Normally open (NO)
- 4.00 mm
- Flush (shielded)
  Cable, TPU, 3.00 m

### General attributes Approvals / Conformity

Basic standard Enclosure Type per IEC 60529 Function indicator Operating distance marking Polarity reversal protected Power indicator Protection Class Short circuit protected Trademark MTTF

# 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



cULus CE EAC IEC 60947-5-2 IP68 according to BWN PR 20 Yes ... Yes No Ш Yes GLOBAL 640 a

Cable 200 mA 24.0 V DC, direct current 0.500 µF 3.0 mA 0 mA 6.0 mA 30.0 V 10.0 V 250 VAC 100 A 15 % 1000 Hz Normally open (NO)







PNP

3.0 V

70 °C -25 °C

3.20 mm

4.6 mm TPU

3.00 m 0.34 mm<sup>2</sup> 53.0 mm

M12x1

CuZn

3

LCP

10 Nm

4.00 mm

50.0 mm

4.00 mm

Flush (shielded)

Nickel-free coating

FAF

Switching output Voltage drop static max.

## Mechanical attributes

Ambient temperature Ta max. Ambient temperature Ta min. Assured operating distance Sa Cable diameter D max. Cable jacket material Cable length Conductor cross-section Depth Diameter d1 Eff. operating distance Sr Housing material Mech. installation condition Mounting length Number of conductors Rated operating distance Sn [mm] Sensing face material Surface protection Tightening torque

### Remarks

The sensor is functional again after the overload has been eliminated.

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.



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For definitions of terms, see main catalog Subject to change

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