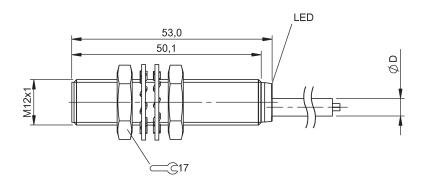
Inductive sensor

BES M12MI-PSC40B-BV05 **BES0065**





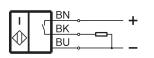
- PNP
- Normally open (NO)
- 4.00 mm
- Flush (shielded)
 Cable, PVC, 5.00 m

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

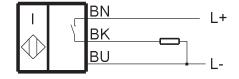
Electrical attributes

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)







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

PNP 3.0 V

> 70 °C -25 °C 3.20 mm 4.7 mm PVC 5.00 m 0.34 mm² 53.0 mm M12x1 4.00 mm CuZn Flush (shielded) 50.0 mm 3 4.00 mm LCP Nickel-free coating 10 Nm

FAF

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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