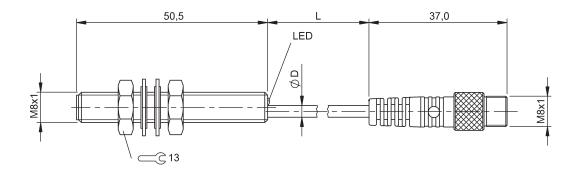
BES M08MI-PSC40B-BP00,3-GS49 BES003R





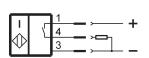
- PNPNormally
- Normally open (NO)4.00 mm
- Quasi embeddable

General attributes Approvals / Conformity

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

Electrical attributes

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



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

355 a

M08x1-S49

Cable with connector, PUR, 0.30 m

Cable with connector 200 mA 24.0 V DC, direct current 1.000 µF 8.0 mÁ 0 mA 10.0 mA 30.0 V 10 0 V 75 VDC 100 A 15 % 800 Hz Normally open (NO) PNP 2.8 V





LISTED IND. CONT. EQ. 81U2 for use in the secondary of a class 2 source of supply

CULSTED IND. CONT. EQ 81U2 for use in the secondary of a class 2 source of supply Environmental - Type 1 Enclosure

EHC

Mechanical attributes Ambient temperature Ta max. Ambient temperature Ta min. Assured operating distance Sa Cable diameter D max. Cable jacket material Cable length Connector type Continuous shock load 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

60 °C 0°C 2.90 mm 3.1 mm PUR 0.30 m M08x1-S49 Half-sinus, 100gn, 2ms, 3x8000 51.5 mm M08x1 4.00 mm CuZn Quasi embeddable 50.0 mm 4.00 mm PBT Nickel-plated 3 Nm

Remarks

EMC: Surge immunity; external protection circuit required. Document 825345, Section 2. Quasi-shielded: See installation instructions for inductive sensors with extended switching distance 825356.

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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