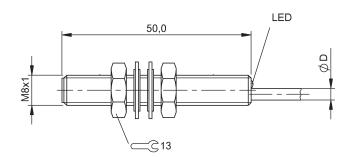
BES M08MI-PSC20B-BV02 BES003K





- PNP
- Normally open (NO)
- 2.00 mm
- Flush (shielded) Cable, PVC, 2.00 m







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



General attributes

Approvals / Conformity CE cULus EAC IEC 60947-5-2 Basic standard Enclosure Type per IEC 60529 Function indicator IP67 Yes Operating distance marking --Yes Polarity reversal protected Power indicator No Short circuit protected Yes GLOBAL

Trademark

Electrical attributes Connection type Cable Eff. operating current le 200 mA Eff. operating voltage Ue DC Electrical version Load capacitance max. (at Ue) $1.000\,\mu F$ Max. no-load cur. lo undamped 5.0 mA Minimum operating current Im 0 mA No-load current lo damped max. Operating voltage UB max. DC [V] Operating voltage UB min. DC [V] 10.0 mA 30 0 V 12.0 V Rated insulation voltage Ui Rated short circuit current 75 VDC 100 A Ripple max. (% of Ue) 15 % Switching freq. f max. (at Ue) 700 Hz Switching function PNP Switching output Voltage drop static max.



880 a

Normally open (NO) 2.5 V

Mechanical attributes

Ambient temperature Ta max.
Ambient temperature Ta min.
Assured operating distance Sa 70 °C -25 °C 1.60 mm Cable diameter D max. 3.0 mm PVC Cable jacket material Cable length 2.00 m 0.14 mm² 50.0 mm Conductor cross-section Depth Diameter d1 M08x1 Eff. operating distance Sr 2.00 mm Housing material Mech. installation condition CuZn Flush (shielded) Mounting length 50.0 mm Number of conductors
Rated operating distance Sn [mm] 3 2.00 mm Sensing face material PA 12 Surface protection Nickel-plated Tightening torque 3 Nm

Remarks

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

Embeddable: See installation notes for inductive sensors with extended switching

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.

