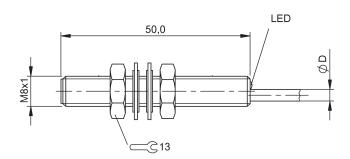
## BES M08MI-PSC20B-BP03 BES003H





- PNP
- Normally open (NO)
- 2.00 mm
- Flush (shielded) Cable, PUR, 3.00 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

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

Electrical attributes

Connection type Cable Eff. operating current le Eff. operating voltage Ue DC 200 mA 24.0 V Electrical version
Load capacitance max. (at Ue) DC, direct current 1.000 µF Max. no-load cur. lo undamped 5.0 mA Minimum operating current Im No-load current Io damped max. 0 mA 10.0 mA Operating voltage UB max. DC [V] 30.0 V Operating voltage UB min. DC [V] Rated insulation voltage Ui 12.0 V 75 VDC Rated short circuit current 100 A Ripple max. (% of Ue) Switching freq. f max. (at Ue) Switching function 15 % 700 Hz Normally open (NO)



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. 3.1 mm PUR Cable jacket material Cable length 3.00 m 0.14 mm<sup>2</sup> 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] 2.00 mm Sensing face material PA 12 Surface protection Nickel-plated Tightening torque 3 Nm

## Remarks

Embeddable: See installation notes for inductive sensors with extended switching

distance 825357.
The sensor is functional again after the overload has been eliminated.

