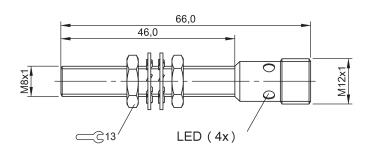
BES M08MH1-PSC30B-S04G **BES02W9**





- PNP
- Normally open (NO)
- 3.00 mm
- Quasi embeddable
- Connector, M12x1-S04

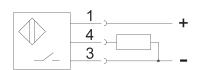
General attributes Approvals / Conformity

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

CF

Electrical attributes

Connector Connection type Eff. operating current le 200 mA Eff. operating voltage Ue DC 24.0 V DC, direct current Electrical version Load capacitance max. (at Ue) 1.000 µF Max. no-load cur. lo undamped
Minimum operating current Im
No-load current lo damped max.
Operating voltage UB max. DC [V]
Operating voltage UB min. DC [V]
Rated insulation voltage Ui
Rated obserview its const 10.0 mA $0 \, \text{mA}$ 12.0 mA 30.0 V 10.0 V 75 VDC Rated short circuit current Ripple max. (% of Ue) Switching freq. f max. (at Ue) 100 A 20 % 1000 Hz







Switching function Switching output
Voltage drop static max.

Mechanical attributes 70 °C Ambient temperature Ta max. Ambient temperature Ta min. -25 °C Assured operating distance Sa Connector type 2.40 mm M12x1-S04 Depth 66.0 mm Diameter d1
Eff. operating distance Sr
Housing material M08x1 3.00 mm CuZn Mech. installation condition Mounting length Quasi embeddable 46.0 mm Rated operating distance Sn [mm] 3.00 mm Sensing face material Surface protection PBT Chrome-plated Tightening torque

Additional text

Working frequency f Oscillator :320 kHz In the range ±15 % of the working frequency may appear EMC incompatibilities.

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

Quasi-shielded: See installation instructions for inductive sensors with extended switching

distance 825356.
With connector, e.g. BCC M425-.. total length = switch length +19 mm.





Normally open (NO)

PNP

2.0 V