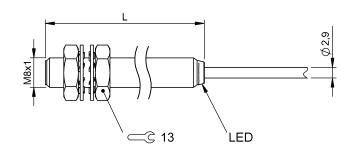
BES M08MI-PSC20B-BV02 **Order Code: BES003K**















Electrical connection

Cable diameter D 3.00 mm Cable length L 2 m

Connection type Cable, 2.00 m, PVC

Number of conductors

Electrical data

No-load current lo max., damped 7 mA No-load current lo max., undamped 2 mA Operating voltage Ub 10...30 VDC 33.0 kOhm Output resistance Ra **Protection class** Rated insulation voltage Ui 250 V AC 25 ms Ready delay tv max. Residual current Ir max. 10 μΑ Ripple max. (% of Ue) 10 % Switching frequency 5000 Hz

Environmental conditions

Ambient temperature -25...70 °C IP68 IP rating

Functional safety

MTTF (40 °C) 595 a

General data

Approval/Conformity CE EAC cULus WEEE

Material

Housing material Brass PVC Material jacket PBT Material sensing surface Surface protection Nickel-free coated

Mechanical data

Dimension Ø 8 x 50 mm Installation for flush mounting Size M8x1

Output/Interface

PNP normally open (NO) Switching output

Range/Distance

Assured operating distance Sa 1.6 mm Rated operating distance Sn 2 mm Real switching distance sr 2 mm

Subject to change without notice: 247285

Inductive Sensors

BES M08MI-PSC20B-BV02 **Order Code: BES003K**



Remarks

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

For further information about the MTTF and B10d see MTTF / B10d certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

