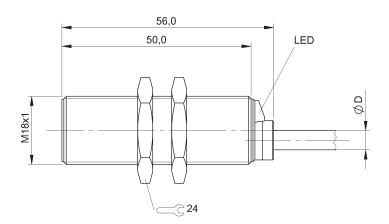
### BES M18MI-NSC80B-BP03 BES007H





- NPN
- Normally open (NO)
- 8.00 mm
- Flush (shielded)
- Cable, PUR, 3.00 m

#### General attributes Approvals / Conformity

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

### Electrical attributes

Connection type Eff. operating current le Eff. operating voltage Ue DC Electrical version Load capacitance max. (at Ue) Max. no-load cur. lo undamped Minimum operating current Im No-load current lo damped max. Operating voltage UB max. DC Operating voltage UB min. DC Rated insulation voltage Ui Rated short circuit current Ripple max. (% of Ue) Switching function

CE cULus IEC 60947-5-2

IP68 according to BWN PR 20

Yes No Ш Yes GLOBAL

Cable 200 mA 24.0 V DC, direct current 1.000 µF 5.0 mA 0 mA 10.0 mA 30.0 V 12.0 V 250 VAC 100 A



BK o BU







Switching output NPN Voltage drop static max. 2.5 V

# Mechanical attributes

Ambient temperature Ta max. 70 °C -25 °C 6.50 mm Ambient temperature Ta min. Assured operating distance Sa Cable diameter D max. 4.6 mm PUR 3.00 m Cable jacket material Cable length Conductor cross-section 0.34 mm<sup>2</sup> Depth 56.0 mm Diameter d1 M18x1 Eff. operating distance Sr 8.00 mm Housing material
Mech. installation condition CuZn Flush (shielded) Mounting length 50.0 mm Number of conductors 8.00 mm Rated operating distance Sn Sensing face material PA 12 Surface protection Nickel-plated Tightening torque 35 Nm

## Additional text

Embeddable: See installation notes for inductive sensors with extended switching

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