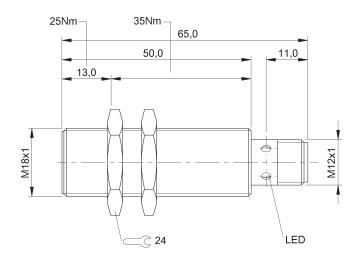
BES M18MI-NSC80B-S04G BES007L





- NPN
- Normally open (NO)
- 8.00 mm
- Flush (shielded)
- Connector, M12x1-S04







General attributes Approvals / Conformity

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

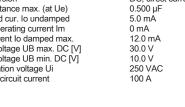
CF

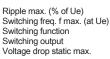
Electrical attributes

Trademark

Connector Connection type Eff. operating current le 200 mA 24.0 V DC, direct current Eff. operating voltage Ue DC Electrical version Load capacitance max. (at Ue) 0.500 µF Max. no-load cur. lo undamped Minimum operating current Im No-load current lo damped max. 5.0 mA $0 \, \text{mA}$ 12.0 mA Operating voltage UB max. DC [V] Operating voltage UB min. DC [V] Rated insulation voltage Ui 30.0 V 10.0 V 250 VAC Rated short circuit current

3





Mechanical attributes

Ambient temperature Ta max. Ambient temperature Ta min. Assured operating distance Sa Connector type Depth Diameter d1 Eff. operating distance Sr Housing material
Mech. installation condition Mounting length Rated operating distance Sn [mm] Sensing face material Surface protection Tightening torque

1000 Hz Normally open (NO) 25 V

70 °C -25 °C 6.40 mm M12x1-S04 65.0 mm M18x1 8.00 mm CuZn Flush (shielded) 50.0 mm 8.00 mm PBT Nickel-free coating 25 Nm / 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.



Balluff Germany

Balluff USA

Balluff China