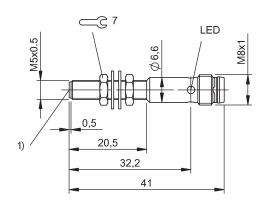
BES 516-3022-E5-C-S49 BES00L1





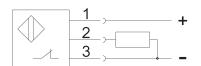
1) Active surface

- PNP
- Normally closed (NC)
- 0.80 mm
- Flush (shielded)
- Connector, M08x1-S49

General attributes Approvals / Conformity

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

Electrical attributes Connection type Connector Eff. operating current le 100 mA Eff. operating voltage Ue DC Electrical version 24.0 V DC, direct current Load capacitance max. (at Ue) $1.000\,\mu F$ Max. no-load cur. lo undamped 6.0 mÅ Minimum operating current Im 0 mA No-load current lo damped max. Operating voltage UB max. DC Operating voltage UB min. DC 2.0 mA 30 0 V 10.0 V Rated insulation voltage Ui 75 VDC Rated short circuit current 100 A







Ripple max. (% of Ue) Switching freq. f max. (at Ue) Switching function Switching output Voltage drop static max

Mechanical attributes 70 °C -25 °C 0.65 mm Ambient temperature Ta max. Ambient temperature Ta min. Assured operating distance Sa Connector type M08x1-S49 Depth Diameter d1 41.0 mm M05x0.5 Eff. operating distance Sr 0.80 mm Housing material Mech. installation condition Stainless steel Flush (shielded) Mounting length
Rated operating distance Sn [mm]
Sensing face material 20.0 mm 0.80 mm PBT Tightening torque 1 Nm / 2 Nm

Additional text

The sensor is functional again after the overload has been eliminated. EMC: Surge immunity; external protection circuit required. Document 825345, Section 2.

10 %

1.5 V

5000 Hz Normally closed (NC) PNP



