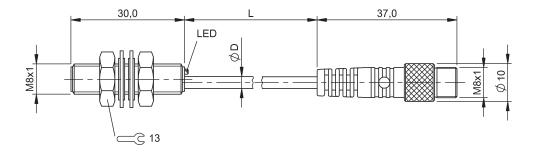
BES 516-324-G-E4-C-S49-00,2 BES00P3

BALLUFF







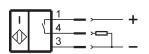
- Normally open (NO)
- 2.00 mm
- Flush (shielded)

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 MTTF (40°C)

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 [V] Operating voltage UB min. DC [V] Rated insulation voltage Ui Rated short circuit current Ripple max. (% of Ue) Switching freq. f max. (at Ue) Switching function Switching output



CE cULus EAC IEC 60947-5-2 IP68 according to BWN PR 20 Yes ... Yes No II Yes 830 a

Cable with connector, PUR, 0.20 m

M08x1-S49

Cable with connector 200 mA 24.0 V DC, direct current 0.500 µF 3.0 mÅ 0 mA 9.0 mA 30 0 V 10.0 V 250 VAC 100 A 15 % 1500 Hz Normally open (NO) PNP









Voltage drop static max.

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

70 °C -25 °C 1.60 mm 3.1 mm PUR 0.20 m M08x1-S49 30.0 mm M08x1 2.00 mm Stainless steel Flush (shielded) 29.0 mm 2.00 mm PBT

8 Nm

2.5 V

Remarks

The sensor is functional again after the overload has been eliminated. Embeddable: See installation notes for inductive sensors with extended switching distance 825357

LISTED IND. CONT. EQ. 81U2

US for use in the secondary of

a class 2 source of supply

For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.



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For definitions of terms, see main catalog Subject to change