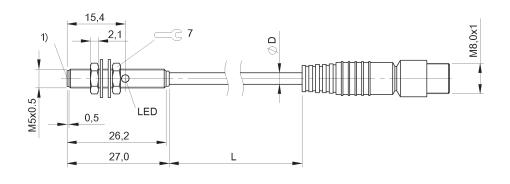
Inductive sensor

BES 516-3005-G-E4-C-S49-00,2 **BES00HA**





1) Active surface

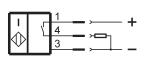
- PNP
- Normally open (NO)
- 1.50 mm
- Flush (shielded)

General attributes Approvals / Conformity

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

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



Cable with connector, PUR, 0.20 m M08x1-S49

CE

cULus

IP67

Yes

Yes

No

Yes

305 a

100 mA 24.0 V

1.000 µF

2.0 mÅ 0 mA

6.0 mA

30.0 V 10.0 V

75 VDC

5000 Hz

1

Normally open (NO) PNP

Δ

3

100 A

10 %

EAC IEC 60947-5-2

Cable with connector

DC, direct current



LISTED IND. CONT. EQ. 81U2 US for use in the secondary of a class 2 source of supply

IND. CONT. EQ 81U2 US for use in the sect a class 2 source o U secondary of se of supply - Type 1 Enclosure Enviro LISTED

Voltage drop static max.

Mechanical attributes

70 °C -25 °C 1.21 mm Ambient temperature Ta max. Ambient temperature Ta min. Assured operating distance Sa 3.0 mm PUR Cable diameter D max. Cable jacket material Cable length 0.20 m M08x1-S49 27.0 mm Connector type Depth Diameter d1 M05x0.5 Eff. operating distance Sr 1.50 mm Housing material Mech. installation condition Stainless steel Flush (shielded) Mounting length 26.0 mm Rated operating distance Sn [mm] Sensing face material 1.50 mm PBT Tightening torque 1 Nm

Remarks

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

2.0 V

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

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