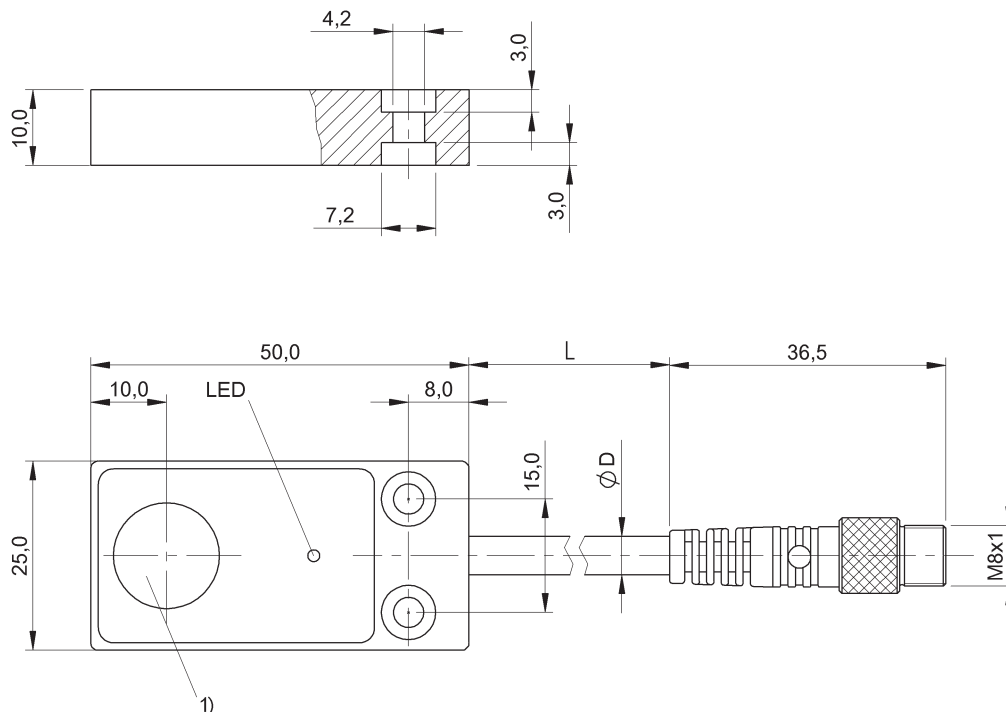




1) Active surface

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

- Cable with connector, PUR, 0.20 m
- M08x1-S49

**General attributes**

Approvals / Conformity

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

CE
EAC
IEC 60947-5-2
IP67
Yes
Yes
No
Yes
930 a

Electrical attributes

Connection type
Eff. operating current I_e
Eff. operating voltage U_e DC
Electrical version
Load capacitance max. (at U_e)
Max. no-load cur. I_o undamped
Minimum operating current I_m
No-load current I_o damped max.
Operating voltage U_B max. DC [V]
Operating voltage U_B min. DC [V]
Rated insulation voltage U_i
Rated short circuit current
Ripple max. (% of U_e)
Switching freq. f max. (at U_e)
Switching function

Cable with connector
200 mA
24.0 V
DC, direct current
1.000 μ F
12.0 mA
0 mA
25.0 mA
30.0 V
10.0 V
75 VDC
100 A
15 %
500 Hz
Normally open (NO)

Switching output

Voltage drop static max.

PNP

2.5 V

Mechanical attributes

Ambient temperature T_a max.
Ambient temperature T_a min.
Assured operating distance S_a
Cable diameter D max.
Cable jacket material
Cable length
Connector type
Depth
Eff. operating distance S_r
Height (small side)
Housing material
Mech. installation condition
Rated operating distance S_n [mm]
Sensing face material

70 °C
-25 °C
4.00 mm
5.1 mm
PUR
0.20 m
M08x1-S49
10.0 mm
5.00 mm
25.0 mm
GD-AlSi12
Flush (shielded)
5.00 mm
PBT

Remarks

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

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.

Inductive sensor

BES 516-347-MO-C-S49-00,2

Order code: BES01FT

BALLUFF

sensors worldwide

