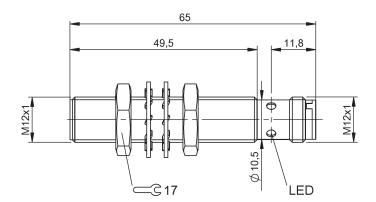
BES M12MI-POC40B-S04G BES005N

BALLUFF



- PNP
- Normally closed (NC)
- 4.00 mm
- Flush (shielded)
- Connector, M12x1-S04

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
Trademark
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)

cULus
CE
EAC
IEC 60947-5-2
IP68 according to BWN PR 20
Yes
■
No

Connector 200 mA 24.0 V DC, direct current 0.500 μF 6.0 mA 0 mA 3.0 mA 30.0 V 10.0 V 250 VAC 100 A

Yes

GLOBAL

640 a

15 %











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

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 closed (NC) PNP 3.0 V

70 °C
-25 °C
3.20 mm
M12x1-S04
65.0 mm
M12x1
4.00 mm
CuZn
Flush (shielded)
49.5 mm
4.00 mm
LCP
Nickel-free coating

10 Nm

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.



