

- PNP
- Normally open (NO)
- 8.00 mm
- Non embeddable
- Connector, M12x1-S04

**General attributes**

Approvals / Conformity

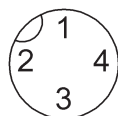
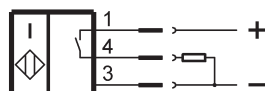
Basic standard
Enclosure Type per IEC 60529
Function indicator
Polarity reversal protected
Power indicator
Short circuit protected
MTTF (40°C)

CE
cULus
EAC
IEC 60947-5-2
IP67
Yes
Yes
No
Yes
1620 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

Connector
130 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 %
200 Hz
Normally open (NO)



Switching output
Voltage drop static max.

PNP
3.5 V

Mechanical attributes

Ambient temperature T_a max.
Ambient temperature T_a min.
Assured operating distance S_a
Connector type
Depth
Diameter d_1
Eff. operating distance S_r
Housing material
Mech. installation condition
Mounting length
Rated operating distance S_n [mm]
Sensing face material
Surface protection
Tightening torque

70 °C
-25 °C
6.50 mm
M12x1-S04
54.0 mm
M18x1
8.00 mm
CuZn
Non embeddable
29.0 mm
8.00 mm
PA 12
Nickel-plated
35 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.

