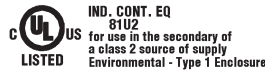


- PNP
- Normally open (NO)
- 4.00 mm
- Non embeddable
- Connector, M12x1-S04



**General attributes**

Approvals / Conformity

Basic standard

Enclosure Type per IEC 60529

Function indicator

Polarity reversal protected

Power indicator

Protection Class

Short circuit protected

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

**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  $U_i$

Connector  
200 mA  
24.0 V  
DC, direct current  
0.500  $\mu$ F  
1.0 mA  
0 mA  
8.0 mA  
30.0 V  
10.0 V  
250 VAC

Rated short circuit current

Ripple max. (% of  $U_e$ )

Switching freq.  $f$  max. (at  $U_e$ )

Switching function

Switching output

Voltage drop static max.

100 A

15 %

1500 Hz

Normally open (NO)

PNP

1.5 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

Tightening torque

85 °C

-40 °C

3.20 mm

M12x1-S04

70.0 mm

M12x1

4.00 mm

Stainless steel

Non embeddable

35.5 mm

4.00 mm

PA 12

20 Nm

**Additional text**

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

