



- PNP
- Normally open (NO)
- 3.00 mm
- Quasi embeddable
- Connector, M12x1-S04



General attributes

Approvals / Conformity

CE
cULus
CE
IEC 60947-5-2
IP67
Yes
■■■
Yes
No
Yes
TripleProx

Basic standard

Enclosure Type per IEC 60529

Function indicator

Operating distance marking

Polarity reversal protected

Power indicator

Short circuit protected

Trademark

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)

Connector
200 mA
24.0 V
DC, direct current
1.000 µF
10.0 mA
0 mA
12.0 mA
30.0 V
10.0 V
75 VDC
100 A
20 %
1000 Hz

Switching function

Switching output

Voltage drop static max.

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2.0 V

Mechanical attributes

Ambient temperature T_a max.

Ambient temperature T_a min.

Assured operating distance S_a

Connector type

Depth

Diameter d1

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

2.40 mm

M12x1-S04

66.0 mm

M08x1

3.00 mm

CuZn

Quasi embeddable

46.0 mm

3.00 mm

PBT

Chrome-plated

4 Nm

Additional text

Working frequency f Oscillator :320 kHz In the range ±15 % of the working frequency may appear EMC incompatibilities.

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

Quasi-shielded: See installation instructions for inductive sensors with extended switching distance 825356.

With connector, e.g. BCC M425-.. total length = switch length +19 mm.

