



- PNP
- Normally open (NO)
- 3.00 mm
- Flush (shielded)
- Cable with connector, M08x1-S49



General attributes

Approvals / Conformity

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

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

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
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

Cable with connector
100 mA
24.0 V
DC, direct current
0.200 µF
3.0 mA
10.0 mA
30.0 V
9.6 V
75 VDC
100 A

Ripple max. (% of U_e)

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

15 %
3000 Hz
Normally open (NO)
PNP
2.5 V

Mechanical attributes

Ambient temperature T_a max.
Ambient temperature T_a min.
Assured operating distance S_a
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
Width (long side)

70 °C
-25 °C
2.40 mm
M08x1-S49
6.0 mm
2.50 mm
10.0 mm
PA 6 - GF30 black
Flush (shielded)
3.00 mm
PA 6 - GF30 black
30.0 mm

Additional text

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

