



- PNP
- Normally open (NO)
- 1.50 mm
- Flush (shielded)

- Cable with connector, PUR, 0.20 m
- M12x1-S04



LISTED IND. CONT. EQ. 81U2
for use in the secondary of
a class 2 source of supply



IND. CONT. EQ.
81U2
for use in the secondary of
a class 2 source of supply
Environmental - Type 1 Enclosure

General attributes

Approvals / Conformity

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

Basic standard
Enclosure Type per IEC 60529
Function indicator
Polarity reversal protected
Power indicator
Protection Class
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
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)

Cable with connector
200 mA
24.0 V
DC, direct current
0.500 μ F
3.0 mA
0 mA
9.0 mA
30.0 V
10.0 V
250 VAC
100 A
15 %

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

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
Cable diameter D max.
Cable jacket material
Cable length
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

70 °C
-25 °C
1.20 mm
3.1 mm
PUR
0.20 m
M12x1-S04
30.0 mm
M08x1
1.50 mm
Stainless steel
Flush (shielded)
29.0 mm
1.50 mm
PBT
8 Nm

Additional text

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

