



- NPN
- Normally open (NO)
- 8.00 mm
- Flush (shielded)
- Cable, PUR, 3.00 m



General attributes

Approvals / Conformity	CE cULus IEC 60947-5-2 IP68 according to BWN PR 20
Basic standard	Yes
Enclosure Type per IEC 60529	■
Function indicator	Yes
Operating distance marking	No
Polarity reversal protected	II
Power indicator	Yes
Protection Class	GLOBAL
Short circuit protected	
Trademark	

Electrical attributes

Connection type	Cable
Eff. operating current I _e	200 mA
Eff. operating voltage U _e DC	24.0 V
Electrical version	DC, direct current
Load capacitance max. (at U _e)	1.000 µF
Max. no-load cur. I _o undamped	5.0 mA
Minimum operating current I _m	0 mA
No-load current I _o damped max.	10.0 mA
Operating voltage U _B max. DC	30.0 V
Operating voltage U _B min. DC	12.0 V
Rated insulation voltage U _i	250 VAC
Rated short circuit current	100 A
Ripple max. (% of U _e)	15 %
Switching function	Normally open (NO)

Switching output	NPN
Voltage drop static max.	2.5 V

Mechanical attributes

Ambient temperature T _a max.	70 °C
Ambient temperature T _a min.	-25 °C
Assured operating distance S _a	6.50 mm
Cable diameter D max.	4.6 mm
Cable jacket material	PUR
Cable length	3.00 m
Conductor cross-section	0.34 mm ²
Depth	56.0 mm
Diameter d1	M18x1
Eff. operating distance S _r	8.00 mm
Housing material	CuZn
Mech. installation condition	Flush (shielded)
Mounting length	50.0 mm
Number of conductors	3
Rated operating distance S _n	8.00 mm
Sensing face material	PA 12
Surface protection	Nickel-plated
Tightening torque	35 Nm

Additional text

Embeddable: See installation notes for inductive sensors with extended switching distance 825357.
The sensor is functional again after the overload has been eliminated.

