



- PNP
- NO/NC
- 30.00 mm
- Non embeddable
- Screw terminal,

General attributes

Approvals / Conformity	CE EAC
Basic standard	IEC 60947-5-2
Enclosure Type per IEC 60529	IP67
Function indicator	Yes
Polarity reversal protected	Yes
Power indicator	Yes
Protection Class	II
Short circuit protected	Yes
MTTF	730 a

Electrical attributes

Connection type	Screw terminal
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	15.0 mA
Minimum operating current I _m	0 mA
No-load current I _o damped max.	20.0 mA
Operating voltage U _B max. DC [V]	55.0 V
Operating voltage U _B min. DC [V]	10.0 V
Rated insulation voltage U _i	250 VAC
Rated short circuit current	100 A
Ripple max. (% of U _e)	15 %
Switching freq. f max. (at U _e)	60 Hz
Switching function	NO/NC



Switching output	PNP
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	24.00 mm
Cable gland thread size	M20x1.5
Depth	40.0 mm
Eff. operating distance S _r	30.00 mm
Height (small side)	40.0 mm
Housing material	PBT
Mech. installation condition	Non embeddable
Rated operating distance S _n [mm]	30.00 mm
Sensing face material	PBT
Tightening torque	4-5 Nm (M20x1.5)
Tightening torque for clamping	0.80 Nm
Wire cross-section max.	2.5 mm ²

Remarks

LED 1: Function; LED 2: Operating voltage
The sensor is functional again after the overload has been eliminated.

For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.

Inductive sensor

BES 517-132-M5-H
BES0206

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