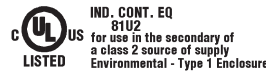


- NPN
- Normally closed (NC)
- 4.00 mm
- Non embeddable
- Connector, M08x1-S49



General attributes

Approvals / Conformity	CE cULus IEC 60947-5-2
Basic standard	IP67
Enclosure Type per IEC 60529	Yes
Function indicator	■ ■
Operating distance marking	Yes
Polarity reversal protected	No
Power indicator	Yes
Short circuit protected	GLOBAL
Trademark	

Electrical attributes

Connection type	Connector
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)	0.500 µF
Max. no-load cur. I _o undamped	14.0 mA
Minimum operating current I _m	0 mA
No-load current I _o damped max.	3.0 mA
Operating voltage U _B max. DC [V]	30.0 V
Operating voltage U _B min. DC [V]	10.0 V
Rated insulation voltage U _i	75 VDC
Rated short circuit current	100 A

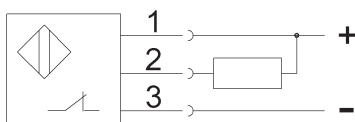
Ripple max. (% of U _e)	15 %
Switching freq. f max. (at U _e)	1500 Hz
Switching function	Normally closed (NC)
Switching output	NPN
Voltage drop static max.	2.5 V

Mechanical attributes

Ambient temperature T _a max.	70 °C
Ambient temperature T _a min.	-25 °C
Assured operating distance S _a	3.20 mm
Connector type	M08x1-S49
Depth	30.0 mm
Diameter d1	D06.5
Eff. operating distance S _r	4.00 mm
Housing material	Stainless steel
Mech. installation condition	Non embeddable
Mounting length	13.0 mm
Rated operating distance S _n [mm]	4.00 mm
Sensing face material	PA 12

Additional text

The sensor is functional again after the overload has been eliminated.
Unshielded: See installation instructions for inductive sensors with extended switching distance 853924.



Inductive sensor

BES G06EB-NOC40F-S49G
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