

IGYX 18N17B3/S14L

Inductive proximity switch

Article number: 11078868

Overview

- 8 mm
- 6,4 mm
- NPN make function (NO)
- connector M12
- -25 ... 75 °C
- IP 67



Picture similar



Technical data

General data

Mounting type	Quasi-flush
Nominal sensing distance S _n	8 mm
Assured sensing distance S _a	6.4 mm
Temperature drift	± 10 % of S _r (0 ... +60 °C)
Hysteresis	3 ... 20 % of S _r
Output indicator	3 port LED red

Electrical data

Switching frequency	400 Hz
Voltage supply range +V _s	10 ... 30 VDC
Current consumption max. (no load)	15 mA
Output circuit	NPN make function (NO)
Voltage drop V _d	<2.5 VDC

Electrical data

Output current	200 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

Mechanical data

Design	Cylindrical threaded
Material (sensing face)	PBT, red
Housing material	Brass nickel plated
Dimension	18 mm
Housing length	60 mm
Connection types	Connector M12
Tightening torque max.	25 Nm

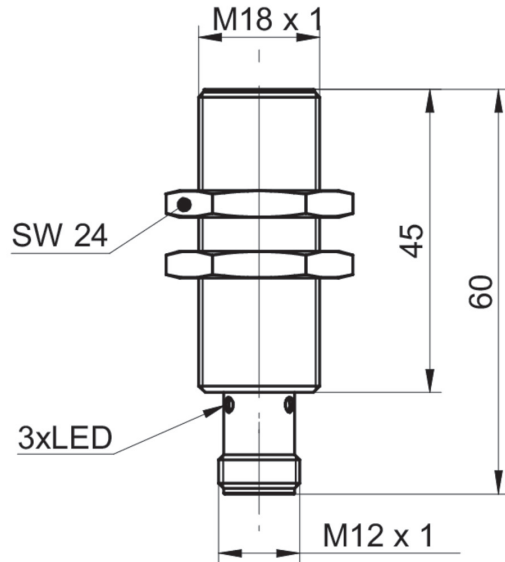
Ambient conditions

Operating temperature	-25 ... +75 °C
Protection class	IP 67

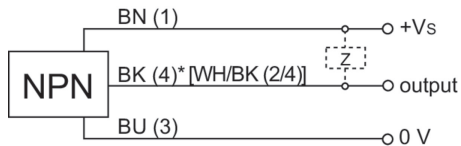
Remarks

- Compliant with EMC requirements of EN 60947-5-2: 2007

Dimension drawing



Connection diagram



Accessories

Mounting accessories

10151658	Sensofix series 18
11172096	ZADAP-M18.STANDARD
11171584	ZADAP-M18.SHORT
11172095	ZADAP-M18.LONG
11707685	Mounting rod with mounting plate holder 200 mm
11707686	Mounting rod with mounting plate holder 300 mm
11707688	Mounting rod 200 mm
11707697	Mounting rod 250 mm
11707698	Mounting rod with mounting plate holder 250 mm
11707687	Mounting rod 300 mm
11707699	Mounting plate series 500 and ø18 mm
11707702	Mounting base
11707703	Two-way connector