Baumer
Passion for Sensors

Inductive proximity switch

IGYX 12P17B1/S14L

Inductive proximity switch

Article number: 11230122

overview

- 4 mm
- 3,2 mm
- PNP make function (NO)
- connector M12
- -25 … 75 °C
- IP 67



Technical data

general data	
mounting type	flush
nominal sensing distance Sn	4 mm
assured sensing distance Sa	3,2 mm
temperature drift	± 10 % of Sr (0 ... +60 °C)
hysteresis	3 … 20 % of Sr
output indicator	3 port LED red
electrical data	
switching frequency	< 1,5 kHz
voltage supply range +Vs	10 … 30 VDC
current consumption max. (no load)	15 mA
output circuit	PNP make function (NO)
voltage drop Vd	< 2,5 VDC

electrical data	
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes
mechanical data	
type	cylindrical threaded
material (sensing face)	PBT, red
housing material	brass nickel plated
dimension	12 mm
housing length	60 mm
connection types	connector M12
tightening torque max.	10 Nm
ambient conditions	
operating temperature	-25 … +75 °C
protection class	IP 67

remarks

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

2020-05-11 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

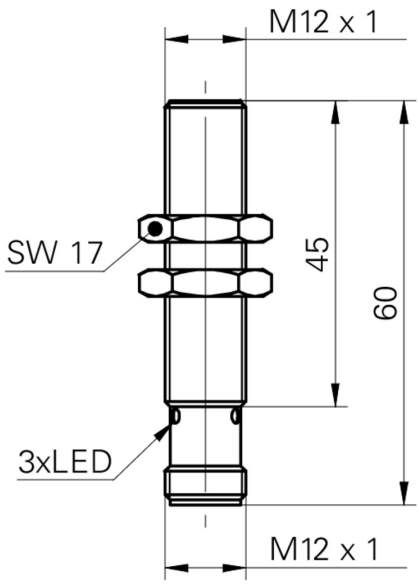
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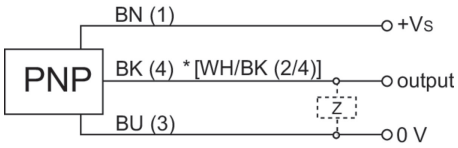
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dimension drawing



connection diagram



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