Baumer
Passion for Sensors

Inductive proximity switch

IFRM 12P3701/S35L

Inductive proximity switch - standard

Article number: 10225153

overview

- 4 mm
- PNP break function (NC)
- connector M8
- -25 … 75 °C
- IP 67



Technical data

general data	
mounting type	flush
nominal sensing distance Sn	4 mm
hysteresis	3 … 25 % of Sr
output indicator	3 port LED red
electrical data	
switching frequency	< 2 kHz
voltage supply range +Vs	12 … 30 VDC
current consumption max. (no load)	18 mA
output circuit	PNP break function (NC)
voltage drop Vd	< 3 VDC
output current	< 200 mA

electrical data	
short circuit protection	yes
reverse polarity protection	yes
mechanical data	
type	cylindrical threaded
material (sensing face)	PBT
housing material	brass nickel plated
dimension	12 mm
housing length	50 mm
connection types	connector M8
tightening torque max.	15 Nm (Front: 10 Nm)
ambient conditions	
operating temperature	-25 … +75 °C
protection class	IP 67

remarks

- M8 x 1 quick disconnect

2020-06-26 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

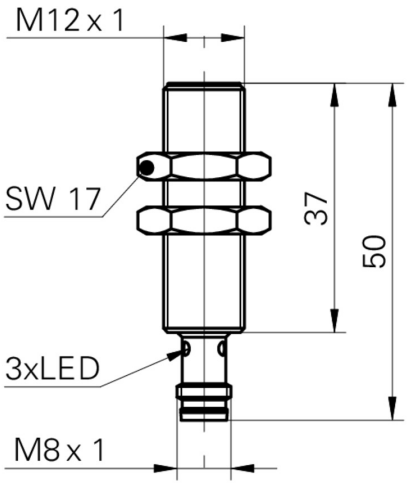
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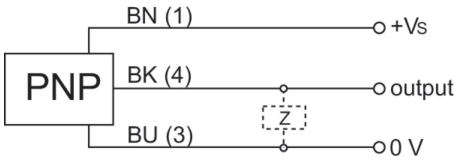
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dimension drawing



connection diagram



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