Baumer
Passion for Sensors

Inductive proximity switch

IFRM 12P1701/S35L

Inductive proximity switch - standard

Article number: 10224126

overview

- 4 mm
- PNP make function (NO)
- 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 make function (NO)
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.

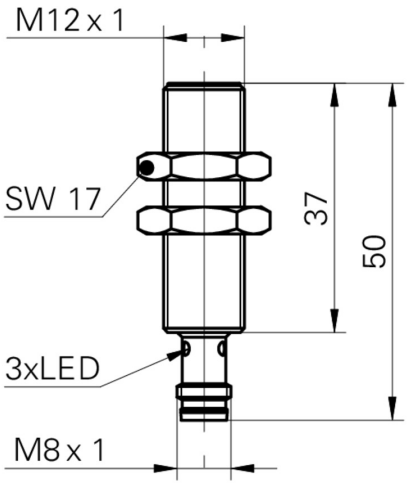
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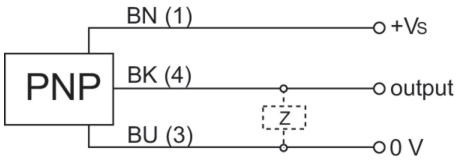
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dimension drawing



connection diagram



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Unikeyic Electronics

Global Electronic Components Distributor

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MEX5-D31.B38 O300.TR-ZZZZ.72N 10127804 11232565 IFFM04N1501/O1L MTR1F50B19 MTR2-D50.B19 11130475 11223791 11229489 LBFS-03421.0 MEX3-F20.B19 MEX5-D31.B79 11112012 FTDR 047A048 IFRM 06P17A5/S35L MEX5-D30.B24 OR18.ZL-PV1P.7BO/B013 ARA-10.D30L MEX5-F30.B22 MEX3-F21.B82 MIT3-D22.B16 O300.GP-GW1B.72N EIL580-SC10.5FN.01024.A IFRM12N1701/S14L 11007902 11190721 IFFM08P17A6/L MEX5-D30.B26 MEX3-F21.B29