

IFRM 12N37X2/L

Inductive proximity switch

Article number: 11096379

overview

- 4 mm
- NPN break function (NC)
- cable, 2 m
- IP 67



Technical data

general data

mounting type	flush
nominal sensing distance S _n	4 mm
hysteresis	3 ... 20 % of S _r
output indicator	LED red
approvals/certificates	ATEX 3D

electrical data

switching frequency	< 2 kHz
voltage supply range +V _s	10 ... 30 VDC
current consumption max. (no load)	10 mA
output circuit	NPN break function (NC)
voltage drop V _d	< 2 VDC
output current	< 200 mA
short circuit protection	yes

electrical data

reverse polarity protection	yes
-----------------------------	-----

mechanical data

type	cylindrical threaded
material (sensing face)	PBT
housing material	brass nickel plated
dimension	12 mm
housing length	40 mm
connection types	cable, 2 m
tightening torque max.	15 Nm (Front: 10 Nm)

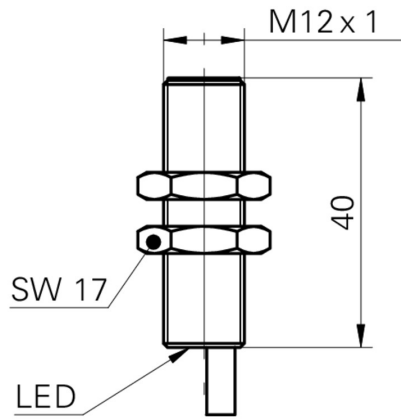
ambient conditions

protection class	IP 67
------------------	-------

safe maximum values

marking	II 3D Ex tc IIIC T100°C Dc X
operating temperature T _a	-25 ... +65 °C

dimension drawing



connection diagram

