

IFRM 12P37X1/L

Inductive proximity switch

Article number: 11096373

overview

- 4 mm
- PNP 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 PNP 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 30,4 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

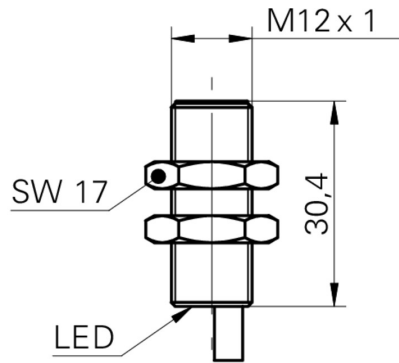
operating temperature T_a -25 ... +65 °C

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dimension drawing



connection diagram

