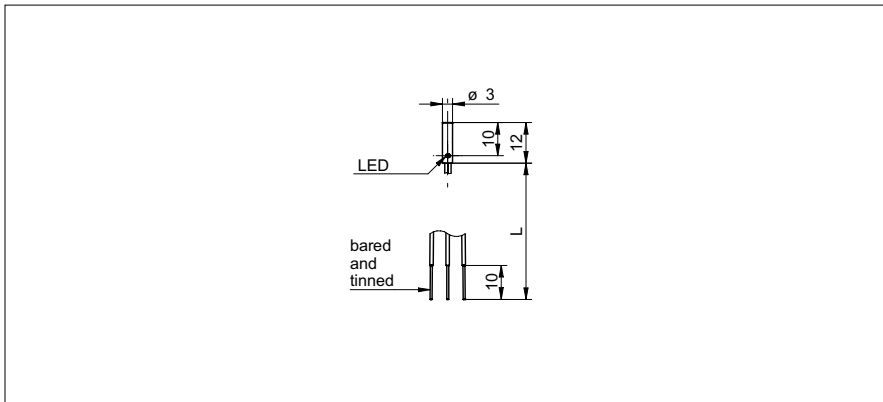


Inductive proximity switch

IFRM 03N1713/QL

dimension drawing



general data

mounting type	flush
nominal sensing distance S_n	1 mm
temperature drift	- 5 % / + 10 % (+10 ... +60 °C) - 5 % / + 15 % (-10 ... +70 °C)
hysteresis	2 ... 20 % of S_r
output indicator	LED red

electrical data

switching frequency	< 4 kHz
voltage supply range +Vs	6 ... 30 VDC
current consumption max. (no load)	10 mA
output circuit	NPN make function (NO)
voltage drop Vd	< 2 VDC
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical smooth
material (sensing face)	POM
housing material	stainless steel
dimension	3 mm
housing length	12 mm
connection types	wires, 0,5 m

ambient conditions

operating temperature	-10 ... +70 °C
protection class	IP 67

photo



connection diagram



- fully contained, 3 individual strands
- cable version: 16 mm housing length
- individual strands: 12 mm housing length