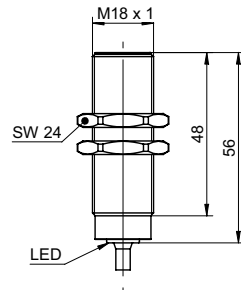


## Inductive proximity switch

## IFRR 18P37M1/PL-9

## dimension drawing



## general data

mounting type	shielded
special type	Outdoor
nominal sensing distance $S_n$	10 mm
hysteresis	2 ... 15 % of $S_r$
output indicator	LED red

## electrical data

switching frequency	< 400 Hz
voltage supply range +Vs	12 ... 30 VDC
current consumption max. (no load)	24 mA
output circuit	PNP break function (NC)
voltage drop $V_d$	< 2 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

## mechanical data

type	cylindrical threaded
material (sensing face)	LCP
housing material	stainless steel 1.4404 (V4A); LSR
dimension	18 mm
housing length	56 mm
connection types	cable PUR 3 x 0,25, 2 m

## ambient conditions

operating temperature	-40 ... +80 °C
protection class	IP 68/69K & proTect+

## photo



## connection diagram



- LSR = Liquid Silicon Rubber
- load resistance:  $Z < 100 \text{ k}\Omega$  must be connected