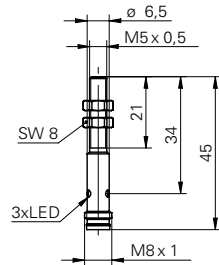


## Inductive proximity switch

## IFRM 05N37A1/S35L

## dimension drawing



## general data

mounting type	flush
nominal sensing distance $S_n$	1,6 mm
hysteresis	2 ... 20 % of $S_r$
output indicator	3 port LED red

## electrical data

switching frequency	< 3 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	12 mA
output circuit	NPN break function (NC)
voltage drop $V_d$	< 2 VDC
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

## mechanical data

type	cylindrical threaded
material (sensing face)	LCP
housing material	stainless steel
dimension	5 mm
housing length	45 mm
connection types	connector M8

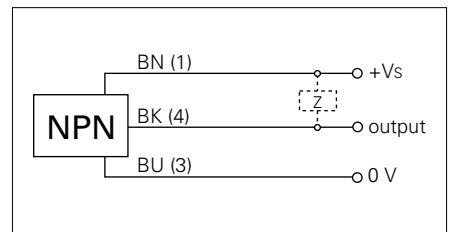
## ambient conditions

operating temperature	-25 ... +75 °C
protection class	IP 67

## photo



## connection diagram



- M8 x 1 quick disconnect
- 3 port LED