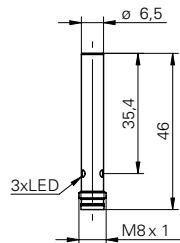


## Inductive proximity switch

## IR06.P02F (medium, factor 1)

## sample drawing



## general data

mounting type	flush
special type	factor 1
nominal sensing distance $S_n$	2 mm
hysteresis	3 ... 20 % of $S_r$

## electrical data

switching frequency	< 3 kHz
voltage supply range +Vs	5 ... 36 VDC
current consumption max. (no load)	12 mA
voltage drop Vd	< 2 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

## mechanical data

type	cylindrical smooth
material (sensing face)	PBT
housing material	stainless steel
dimension	6,5 mm

## cable, 2 m

housing length	40 mm
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## connector M8

housing length	46 mm
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## ambient conditions

operating temperature	-25 ... +75 °C
storage temperature	-40 ... +85 °C
protection class	IP 67

## sample picture



**Inductive proximity switch****IR06.P02F (medium, factor 1)**

<b>order reference</b>	<b>connection types</b>	<b>output circuit</b>	<b>output indicator</b>
<b>IR06.P02F-11119425</b>	cable, 2 m	NPN break function (NC)	LED red
<b>IR06.P02F-11119423</b>	cable, 2 m	NPN make function (NO)	LED red
<b>IR06.P02F-11119424</b>	cable, 2 m	PNP break function (NC)	LED red
<b>IR06.P02F-11119422</b>	cable, 2 m	PNP make function (NO)	LED red
<b>IR06.P02F-11119421</b>	connector M8	NPN break function (NC)	3 port LED red
<b>IR06.P02F-11117732</b>	connector M8	NPN make function (NO)	3 port LED red
<b>IR06.P02F-11119408</b>	connector M8	PNP break function (NC)	3 port LED red
<b>IR06.P02F-11117730</b>	connector M8	PNP make function (NO)	3 port LED red