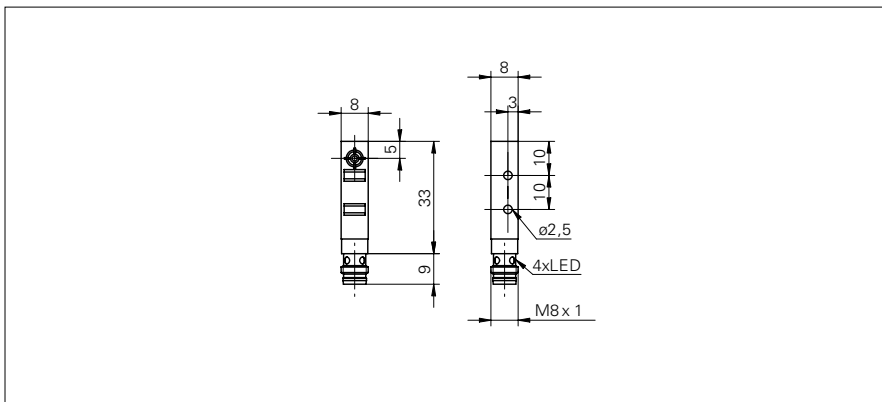


## Inductive proximity switch

IFFK 08

## sample drawing



## general data

mounting type	shielded
nominal sensing distance $S_n$	2 mm
hysteresis	3 ... 25 % of $S_r$

## electrical data

switching frequency	< 5 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	18 mA
voltage drop Vd	< 3 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

## mechanical data

type	rectangular
material (sensing face)	PBT
housing material	PBT
dimension	8 mm

## cable, 2 m

housing length	34 mm
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## connector M8

housing length	42 mm
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## ambient conditions

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

## sample picture



order reference	connection types	output circuit	output indicator
IFFK 08N1703/O1L	cable, 2 m	NPN make function (NO)	LED red
IFFK 08N1703/O1S35L	connector M8	NPN make function (NO)	4 port LED red
IFFK 08N3703/O1S35L	connector M8	NPN break function (NC)	4 port LED red
IFFK 08P1703/O1L	cable, 2 m	PNP make function (NO)	LED red
IFFK 08P1703/O1S35L	connector M8	PNP make function (NO)	4 port LED red
IFFK 08P3703/O1S35L	connector M8	PNP break function (NC)	4 port LED red