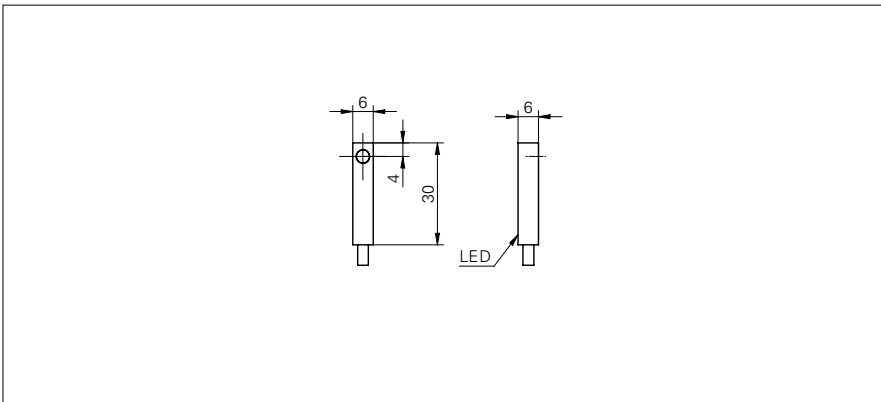


Inductive proximity switch

IFFM 06 (medium)

sample drawing



general data

mounting type	flush
nominal sensing distance S_n	1 mm
hysteresis	2 ... 20 % of S_r
output indicator	LED red (backside)

electrical data

switching frequency	< 5 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	12 mA
voltage drop Vd	< 2 VDC
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	rectangular
material (sensing face)	LCP
housing material	brass nickel plated
dimension	6 mm
housing length	30 mm
connection types	cable, 2 m

ambient conditions

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

order reference

IFFM 06N15A1/O1L	NPN make function (NO)
IFFM 06N35A1/O1L	NPN break function (NC)
IFFM 06P15A1/O1L	PNP make function (NO)
IFFM 06P35A1/O1L	PNP break function (NC)

output circuit

sample picture

