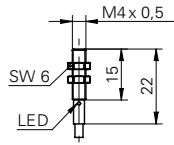


# Inductive proximity switch

## IFRM 04 (M4)

**sample drawing**



standard cable length 200 mm (L)

**general data**

mounting type	flush
nominal sensing distance $S_n$	0,8 mm
hysteresis	2 ... 20 % of $S_r$
output indicator	LED red

**electrical data**

switching frequency	< 3 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	cylindrical threaded
material (sensing face)	POM
housing material	stainless steel
dimension	4 mm
housing length	22 mm

**ambient conditions**

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

order reference	connection types	output circuit
<b>IFRM 04N15B1/KS35PL</b>	flylead connector M8	NPN make function (NO)
<b>IFRM 04N15B1/L</b>	cable, 2 m	NPN make function (NO)
<b>IFRM 04N35B1/KS35PL</b>	flylead connector M8	NPN break function (NC)
<b>IFRM 04N35B1/L</b>	cable, 2 m	NPN break function (NC)
<b>IFRM 04P15B1/KS35PL</b>	flylead connector M8	PNP make function (NO)
<b>IFRM 04P15B1/L</b>	cable, 2 m	PNP make function (NO)
<b>IFRM 04P35B1/KS35PL</b>	flylead connector M8	PNP break function (NC)
<b>IFRM 04P35B1/L</b>	cable, 2 m	PNP break function (NC)

**sample picture**

