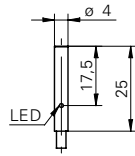


Inductive proximity switch

IFRM 04 (Sn = 1,6 mm, long)

sample drawing



standard cable length 200 mm (L)

general data

mounting type	flush
nominal sensing distance Sn	1,6 mm
hysteresis	2 ... 20 % of Sr
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 smooth
material (sensing face)	LCP
housing material	stainless steel
dimension	4 mm
housing length	25 mm

ambient conditions

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

order reference	connection types	output circuit
IFRM 04N17A1/KS35PL	flylead connector M8	NPN make function (NO)
IFRM 04N17A1/PL	cable, 2 m	NPN make function (NO)
IFRM 04N37A1/KS35PL	flylead connector M8	NPN break function (NC)
IFRM 04N37A1/PL	cable, 2 m	NPN break function (NC)
IFRM 04P17A1/KS35PL	flylead connector M8	PNP make function (NO)
IFRM 04P17A1/PL	cable, 2 m	PNP make function (NO)
IFRM 04P37A1/KS35PL	flylead connector M8	PNP break function (NC)
IFRM 04P37A1/PL	cable, 2 m	PNP break function (NC)

sample picture

