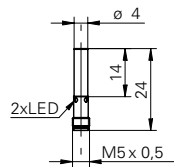


Inductive proximity switch

IFRM 04 (ø 4 mm)

sample drawing



general data

mounting type	shielded
nominal sensing distance S_n	1 mm
hysteresis	2 ... 20 % of S_r

electrical data

switching frequency	< 5 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	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

ambient conditions

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

sample picture



Inductive proximity switch

IFRM 04 (ø 4 mm)

order reference	connection types	output circuit	housing length	output indicator
IFRM 04N15A1/KS35PL	flylead connector M8	NPN make function (NO)	25 mm	LED red
IFRM 04N15A1/L	cable, 2 m	NPN make function (NO)	25 mm	LED red
IFRM 04N15A3/KS35PL	flylead connector M8	NPN make function (NO)	20 mm	LED red
IFRM 04N15A3/L	cable, 2 m	NPN make function (NO)	20 mm	LED red
IFRM 04N15A3/S05L	connector M5	NPN make function (NO)	24 mm	2 port LED red
IFRM 04N15A5/Q	wires, 0,5 m	NPN make function (NO)	15 mm	-
IFRM 04N35A1/KS35PL	flylead connector M8	NPN break function (NC)	25 mm	LED red
IFRM 04N35A1/L	cable, 2 m	NPN break function (NC)	25 mm	LED red
IFRM 04N35A3/KS35PL	flylead connector M8	NPN break function (NC)	20 mm	LED red
IFRM 04N35A3/L	cable, 2 m	NPN break function (NC)	20 mm	LED red
IFRM 04N35A3/S05L	connector M5	NPN break function (NC)	24 mm	2 port LED red
IFRM 04N35A5/Q	wires, 0,5 m	NPN break function (NC)	15 mm	-
IFRM 04P15A1/KS35PL	flylead connector M8	PNP make function (NO)	25 mm	LED red
IFRM 04P15A1/L	cable, 2 m	PNP make function (NO)	25 mm	LED red
IFRM 04P15A3/KS35PL	flylead connector M8	PNP make function (NO)	20 mm	LED red
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