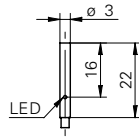


Inductive proximity switch

IFRM 03

sample drawing



general data

mounting type	shielded
nominal sensing distance S_n	0,8 mm
hysteresis	2 ... 20 % of S_r

electrical data

switching frequency	< 3 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)	POM
housing material	stainless steel
dimension	3 mm

cable, 2 m

housing length	22 mm
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flylead connector M8

housing length	22 mm
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wires

housing length	16 mm
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connector M8

housing length	12 mm
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ambient conditions

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

sample picture



Inductive proximity switch

IFRM 03

order reference	connection types	output circuit	output indicator
IFRM 03N1501/KS35L	flylead connector M8	NPN make function (NO)	LED red
IFRM 03N1501/L	cable, 2 m	NPN make function (NO)	LED red
IFRM 03N1503/Q	wires	NPN make function (NO)	-
IFRM 03N1505/CS35L	connector M8	NPN make function (NO)	3 port LED red
IFRM 03N3501/KS35L	flylead connector M8	NPN break function (NC)	LED red
IFRM 03N3501/L	cable, 2 m	NPN break function (NC)	LED red
IFRM 03N3503/Q	wires	NPN break function (NC)	-
IFRM 03N3505/CS35L	connector M8	NPN break function (NC)	3 port LED red
IFRM 03P1501/KS35L	flylead connector M8	PNP make function (NO)	LED red
IFRM 03P1501/L	cable, 2 m	PNP make function (NO)	LED red
IFRM 03P1503/Q	wires	PNP make function (NO)	-
IFRM 03P1505/CS35L	connector M8	PNP make function (NO)	3 port LED red
IFRM 03P3501/KS35L	flylead connector M8	PNP break function (NC)	LED red
IFRM 03P3501/L	cable, 2 m	PNP break function (NC)	LED red
IFRM 03P3503/Q	wires	PNP break function (NC)	-
IFRM 03P3505/CS35L	connector M8	PNP break function (NC)	3 port LED red