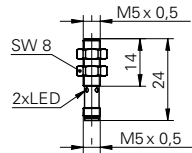


# Inductive proximity switch

# IFRM 05 (short)

**sample drawing**



standard cable length 200 mm (L)

**general data**

mounting type	flush
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. (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)	LCP
housing material	stainless steel
dimension	5 mm

**cable, 2 m**

housing length	20 mm
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**flylead connector M8**

housing length	20 mm
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**connector M5**

housing length	24 mm
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**ambient conditions**

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

**sample picture**



**Inductive proximity switch**
**IFRM 05 (short)**

<b>order reference</b>	<b>connection types</b>	<b>output circuit</b>	<b>output indicator</b>
<b>IFRM 05N15A3/KS35PL</b>	flylead connector M8	NPN make function (NO)	LED red
<b>IFRM 05N15A3/L</b>	cable, 2 m	NPN make function (NO)	LED red
<b>IFRM 05N15A3/S05L</b>	connector M5	NPN make function (NO)	2 port LED red
<b>IFRM 05N35A3/KS35PL</b>	flylead connector M8	NPN break function (NC)	LED red
<b>IFRM 05N35A3/L</b>	cable, 2 m	NPN break function (NC)	LED red
<b>IFRM 05N35A3/S05L</b>	connector M5	NPN break function (NC)	2 port LED red
<b>IFRM 05P15A3/KS35PL</b>	flylead connector M8	PNP make function (NO)	LED red
<b>IFRM 05P15A3/L</b>	cable, 2 m	PNP make function (NO)	LED red
<b>IFRM 05P15A3/S05L</b>	connector M5	PNP make function (NO)	2 port LED red
<b>IFRM 05P35A3/KS35PL</b>	flylead connector M8	PNP break function (NC)	LED red
<b>IFRM 05P35A3/L</b>	cable, 2 m	PNP break function (NC)	LED red
<b>IFRM 05P35A3/S05L</b>	connector M5	PNP break function (NC)	2 port LED red