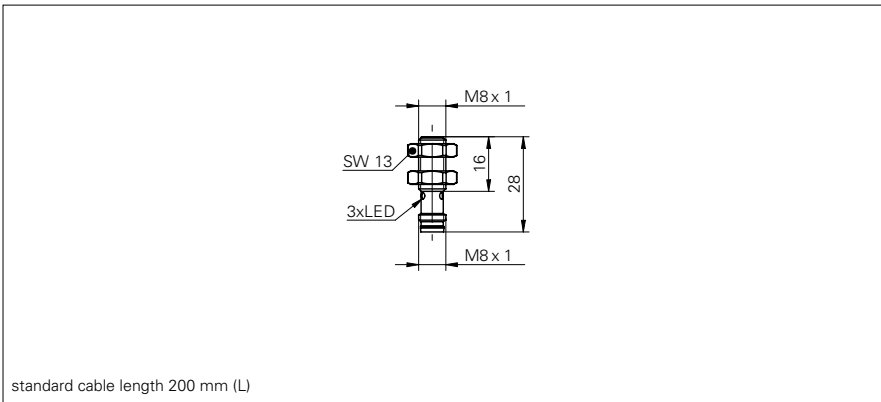


## Inductive proximity switch

## IFRM 08 (ultra short)

### sample drawing



### general data

mounting type	flush
nominal sensing distance $S_n$	2 mm
hysteresis	3 ... 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 $V_d$	< 2 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

### mechanical data

type	cylindrical threaded
material (sensing face)	PBT
housing material	stainless steel
dimension	8 mm

### cable, 2 m

housing length	22 mm
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### flylead connector M8

housing length	22 mm
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### connector M8

housing length	28 mm
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### ambient conditions

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

### sample picture



**Inductive proximity switch**
**IFRM 08 (ultra short)**

order reference	connection types	output circuit	output indicator
<b>IFRM 08N1713/KS35L</b>	flylead connector M8	NPN make function (NO)	LED red
<b>IFRM 08N1713/L</b>	cable, 2 m	NPN make function (NO)	LED red
<b>IFRM 08N17A5/S35L</b>	connector M8	NPN make function (NO)	3 port LED red
<b>IFRM 08N3713/KS35L</b>	flylead connector M8	NPN break function (NC)	LED red
<b>IFRM 08N3713/L</b>	cable, 2 m	NPN break function (NC)	LED red
<b>IFRM 08N37A5/S35L</b>	connector M8	NPN break function (NC)	3 port LED red
<b>IFRM 08P1713/KS35L</b>	flylead connector M8	PNP make function (NO)	LED red
<b>IFRM 08P1713/L</b>	cable, 2 m	PNP make function (NO)	LED red
<b>IFRM 08P17A5/S35L</b>	connector M8	PNP make function (NO)	3 port LED red
<b>IFRM 08P3713/KS35L</b>	flylead connector M8	PNP break function (NC)	LED red
<b>IFRM 08P3713/L</b>	cable, 2 m	PNP break function (NC)	LED red
<b>IFRM 08P37A5/S35L</b>	connector M8	PNP break function (NC)	3 port LED red