

Rectangular design
DC version / cable connection

Dimensions	6 mm		8 mm	
	0,8 mm		2 mm	
PNP	normally open	NO	IFFM 08P1703/O1	
	normally closed	NC	IFFM 08P3703/O1	
NPN	normally open	NO	IFFM 08N1703/O1	
	normally closed	NC	IFFM 08N3703/O1	
technical data				
voltage supply range	10 - 30 VDC		10 - 30 VDC	
supply current	< 12 mA		< 12 mA	
max. switching current	100 mA		200 mA	
voltage drop	< 2,5 V		< 3 V	
max. switching frequency	5 kHz		5 kHz	
sensing distance Sn	0,8 mm		2 mm	
switching hysteresis (as % of Sr)	3...20%		3...25%	
output indicator	-		-	
short circuit protection	yes		yes	
reverse polarity protection	yes		yes	
temperature range	-25...+75 °C		-25...+75 °C	
housing material	aluminum anodized		brass nickel plated	
protection class	IP 67		IP 67	
remarks				

8 mm		8 mm		8 mm	
2 mm	2 mm	1,5 mm	1,5 mm	1,5 mm	2 mm
IFFK 08P1703/O1L	IFFM 08P1702/O1L	IFF 08.24.35/L1	IFF 08.24.35/L2	IFF 08.26.35/L1/L	IFFM 08P1701/O1L
				IFF 08.26.45/L1/L	IFFM 08P3701/O1L
IFFK 08N1703/O1L	IFFM 08N1702/O1L	IFF 08.24.15/L1	IFF 08.24.15/L2	IFF 08.26.15/L1/L	IFFM 08N1701/O1L
				IFF 08.26.25/L1/L	IFFM 08N3701/O1L
10 - 30 VDC		5 - 30 VDC		10 - 30 VDC	
< 18 mA		< 12 mA		< 18 mA	
200 mA		200 mA		200 mA	
< 3 V		< 1 V		< 3 V	
5 kHz		5 kHz		5 kHz	
2 mm		1,5 mm / 1,5 mm		1,5 mm / 2 mm	
3...25% / 3...20%		3...20%		3...20% / 3...25%	
red LED		-		red LED	
ja		no		yes	
ja		yes		yes	
-25...+75 °C		-25...+75 °C		-25...+75 °C	
PBT	brass nickel plated	brass nickel plated		brass nickel plated	
IP 67		IP 67		IP 67	
The sensor can be installed using tapping screws (M3)		Limited availability, please consult factory before specifying Alternative types:			
		IFF 08.26.35/L1/L	IFFM 08P1702/O1L		
		IFF 08.26.15/L1/L	IFFM 08N1702/O1L		
IFFK 08P1703 (**) 34 mm (**) ø 2,5					