

Rectangular design

DC version / cable connection

Dimensions	6 mm		8 mm	
	● 0,8 mm	○	● 2 mm	○
PNP	normally open NO normally closed NC	IFF 06.26.35/L1 IFF 06.26.45/L1	IFFM 08P1703/O1 IFFM 08P3703/O1	
NPN	normally open NO normally closed NC	IFF 06.26.15/L1 IFF 06.26.25/L1	IFFM 08N1703/O1 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				
<ul style="list-style-type: none"> ● Sn shielded ○ Sn unshielded <p>Preferential types</p>				

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	
technical data						
voltage supply range	10 - 30 VDC		5 - 30 VDC		10 - 30 VDC	
supply current	< 18 mA		< 12 mA		< 18 mA	
max. switching current	200 mA		200 mA		200 mA	
voltage drop	< 3 V		< 1 V		< 3 V	
max. switching frequency	5 kHz		5 kHz		5 kHz	
sensing distance Sn	2 mm		1,5 mm / 1,5 mm		1,5 mm / 2 mm	
switching hysteresis (as % of Sr)	3...25% / 3...20%		3...20%		3...20% / 3...25%	
output indicator	red LED		-		red LED	
short circuit protection	ja		no		yes	
reverse polarity protection	ja		yes		yes	
temperature range	-25...+75 °C		-25...+75 °C		-25...+75 °C	
housing material	PBT		brass nickel plated		brass nickel plated	
protection class	IP 67		IP 67		IP 67	
remarks	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			