

Rectangular design

Brass nickel plated and plastic housings

Dimensions	6 mm		8 mm	
Special characteristics	compact style aluminum housing anodized		short compact housing single hole mounting (M3)	
Nominal sensing distance Sn	0,8 mm		2 mm	
Mounting ● shielded ○ unshielded	● ○		● ○	
PNP	normally open NO	IFF 06.26.35/L1	IFFM 08P1703/O1	
	normally closed NC	IFF 06.26.45/L1	IFFM 08P3703/O1	
NPN	normally open NO	IFF 06.26.15/L1	IFFM 08N1703/O1	
	normally closed NC	IFF 06.26.25/L1	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	
sensing face material	PBT		PBT	
protection class	IP 67		IP 67	
connector options				
remarks				

8 mm		8 mm		8 mm	
		PBT plastic housings			
2 mm		2 mm		2 mm	
●		●		●	
IFFM 08P1702/O1L	IFFM 08P1703/O1S35L	IFFK 08P1703/O1L	IFFK 08P1703/O1S35L	IFFM 08P1701/O1L	IFFM 08P1701/O1S35L
			IFFK 08P3703/O1S35L	IFFM 08P3701/O1L	IFFM 08P3701/O1S35L
IFFM 08N1702/O1L	IFFM 08N1703/O1S35L	IFFK 08N1703/O1L	IFFK 08N1703/O1S35L	IFFM 08N1701/O1L	IFFM 08N1701/O1S35L
			IFFK 08N3703/O1S35L	IFFM 08N3701/O1L	IFFM 08N3701/O1S35L
10 - 30 VDC		10 - 30 VDC		10 - 30 VDC	
< 18 mA		< 18 mA		< 18 mA	
200 mA		200 mA		200 mA	
< 3 V		< 3 V		< 3 V	
5 kHz		5 kHz		5 kHz	
2 mm		2 mm		2 mm	
3...25%		3...25%		3...25%	
red LED	4 quadrant LED red	red LED	4 quadrant LED red	red LED	4 quadrant LED red
yes	yes	yes	yes	yes	yes
yes	yes	yes	yes	yes	yes
-25...+75 °C		-25...+75 °C		-25...+75 °C	
brass nickel plated		PBT		brass nickel plated	
PBT		PBT		PBT	
IP 67		IP 67		IP 67	
ESW 31, ESG 32		ESW 31, ESG 32		ESW 31, ESG 32	
		The sensor can be installed using self-tapping screws (M3).			