

Cylindrical design

Stainless steel housings 1.4305

Dimensions	3 mm	4 mm		
Special characteristics	high performance miniature sensor sturdy housing		M8 x 1 quick disconnect sturdy housing	
Nominal sensing distance Sn Mounting ● shielded ○ unshielded	0,8 mm ●		0,8 mm ●	0,8 mm ●
PNP	normally open NO	IFRM 03P1501/L	IFR 04.26.35/L	IFRM 04P1501/S35L
	normally closed NC	IFRM 03P3501/L	IFR 04.26.45/L	IFRM 04P3501/S35L
NPN	normally open NO	IFRM 03N1501/L	IFR 04.26.15/L	IFRM 04N1501/S35L
	normally closed NC	IFRM 03N3501/L	IFR 04.26.25/L	IFRM 04N3501/S35L
technical data	10 - 30 VDC		10 - 30 VDC	
voltage supply range	< 12 mA		< 18 mA	
supply current	100 mA		100 mA	
max. switching current	< 2 V		< 2,5 V	
voltage drop	3 kHz		5 kHz	
max. switching frequency	0,8 mm		0,8 mm	
sensing distance Sn	2...20 %		3...20%	
switching hysteresis (as % of Sr)	red LED		red LED 4 quadrant LED red	
output indicator	yes		yes	
short circuit protection	yes		yes	
reverse polarity protection	-25...+75 °C		-25...+75 °C	
temperature range	stainless steel (1.4305)		stainless steel (1.4305)	
housing material	Acrylat mod. PUR cg 732		PBT	
sensing face material	IP 67		IP 67	
protection class			ESW 31, ESG 32	
connector options	clamping nut 137021 see accessories		clamping nut 119345 see accessories	
remarks				