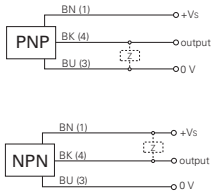
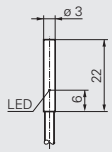
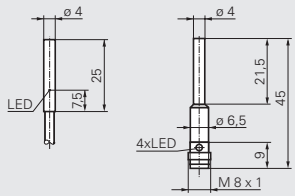
Cylindrical design
Stainless steel housings 1.4305

Dimensions			3 mm		4 mm	
Special characteristics			high performance miniature sensor sturdy housing		M8 x 1 quick disconnect sturdy housing	
Nominal sensing distance Sn			**0,8 mm**		**0,8 mm**	**0,8 mm**
Mounting	● shielded ○ unshielded		●		●	●
						
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						
voltage supply range			10 - 30 VDC		10 - 30 VDC	
supply current			< 12 mA		< 18 mA	
max. switching current			100 mA		100 mA	
voltage drop			< 2 V		< 2,5 V	
max. switching frequency			3 kHz		5 kHz	
sensing distance Sn			0,8 mm		0,8 mm	
switching hysteresis (as % of Sr)			2...20 %		3...20%	
output indicator			red LED		red LED	4 quadrant LED red
short circuit protection			yes		yes	
reverse polarity protection			yes		yes	
temperature range			-25...+75 °C		-25...+75 °C	
housing material			stainless steel (1.4305)		stainless steel (1.4305)	
sensing face material			Acrylat mod. PUR cg 732		PBT	
protection class			IP 67		IP 67	
connector options						ESW 31, ESG 32
remarks			clamping nut 137021 see accessories			clamping nut 119345 see accessories
						

5 mm		6,5 mm		6,5 mm	
M5 x 0,5 fine thread sturdy housing		short and robust steel housing high switching frequency		robust steel housing high switching frequency	
0,8 mm ●	**0,8 mm** ●	**2 mm** ●	**2 mm** ●	**2 mm** ●	**2 mm** ●
					
IFR 05.26.35/L	**IFRM 05P1501/S35L**	**IFRM 06P1713/L**	**IFRM 06P1703/S35L**	**IFRM 06P1701/L**	**IFRM 06P1701/S35L**
IFR 05.26.45/L	**IFRM 05P3501/S35L**	**IFRM 06P3713/L**	**IFRM 06P3703/S35L**	**IFRM 06P3701/L**	**IFRM 06P3701/S35L**
IFR 05.26.15/L	**IFRM 05N1501/S35L**	**IFRM 06N1713/L**	**IFRM 06N1703/S35L**	**IFRM 06N1701/L**	**IFRM 06N1701/S35L**
IFR 05.26.25/L	**IFRM 05N3501/S35L**	**IFRM 06N3713/L**	**IFRM 06N3703/S35L**	**IFRM 06N3701/L**	**IFRM 06N3701/S35L**
10 - 30 VDC		10 - 30 VDC		10 - 30 VDC	
< 18 mA		< 18 mA		< 18 mA	
100 mA		200 mA		200 mA	
< 2,5 V		< 3 V		< 3 V	
5 kHz		5 kHz		5 kHz	
0,8 mm		2 mm		2 mm	
3...20 %		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	
-25...+75 °C		-25...+75 °C		-25...+75 °C	
stainless steel (1.4305)		stainless steel (1.4305)		stainless steel (1.4305)	
PBT		PBT		PBT	
IP 67		IP 67		IP 67	
	ESW 31, ESG 32		ESW 31, ESG 32		ESW 31, ESG 32
		support 109474 for details see accessories section		support 109474 for details see accessories section	
