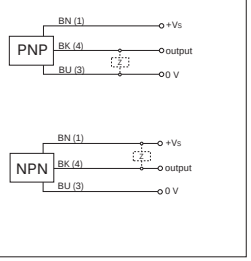
Cylindrical design
DC version / connector base

Dimensions	4 mm		5 mm		6,5 mm		6,5 mm		6,5 mm	
	● 0,8 mm	○	● 0,8 mm	○	● 1,5 mm	○	● 2 mm	○	● 1,5 mm	○
										
PNP normally open NO	**IFRM 04P1501/S35L**		**IFRM 05P1501/S35L**		**IFRM 06P1503/S35L**		**IFRM 06P1703/S35L**		**IFRM 06P1501/S35L**	
PNP normally closed NC	**IFRM 04P3501/S35L**		**IFRM 05P3501/S35L**		**IFRM 06P3503/S35L**		**IFRM 06P3703/S35L**		**IFRM 06P3501/S35L**	
NPN normally open NO	**IFRM 04N1501/S35L**		**IFRM 05N1501/S35L**		**IFRM 06N1503/S35L**		**IFRM 06N1703/S35L**		**IFRM 06N1501/S35L**	
NPN normally closed NC	**IFRM 04N3501/S35L**		**IFRM 05N3501/S35L**		**IFRM 06N3503/S35L**		**IFRM 06N3703/S35L**		**IFRM 06N3501/S35L**	
technical data										
voltage supply range	10 - 30 VDC		10 - 30 VDC		10 - 30 VDC		10 - 30 VDC		10 - 30 VDC	
supply current	< 18 mA		< 18 mA		< 18 mA		< 18 mA		< 18 mA	
max. switching current	100 mA		100 mA		200 mA		200 mA		200 mA	
voltage drop	< 2,5 V		< 2,5 V		< 3 V		< 3 V		< 3 V	
max. switching frequency	5 kHz		5 kHz		5 kHz		5 kHz		5 kHz	
sensing distance Sn	0,8 mm		0,8 mm		1,5 mm		2 mm		1,5 mm	
switching hysteresis (as % of Sr)	3...20%		3...20%		3...20%		3...25%		3...20%	
output indicator	4 quadrant LED		4 quadrant LED		4 quadrant LED		4 quadrant LED		4 quadrant LED	
short circuit protection	yes		yes		yes		yes		yes	
reverse polarity protection	yes		yes		yes		yes		yes	
temperature range	-25...+75 °C		-25...+75 °C		-25...+75 °C		-25...+75 °C		-25...+75 °C	
housing material	stainless steel (1.4305)		stainless steel (1.4305)		stainless steel (1.4305)		stainless steel (1.4305)		stainless steel (1.4305)	
protection class	IP 67		IP 67		IP 67		IP 67		IP 67	
connector options	ES 8, ES 9, ES 31, ES 32		ES 8, ES 9, ES 31, ES 32		ES 8, ES 9, ES 31, ES 32		ES 8, ES 9, ES 31, ES 32		ES 8, ES 9, ES 31, ES 32	
remarks					support 109474 for details see accessories section		support 109474 for details see accessories section		support 109474 for details see accessories section	
● Sn shielded ○ Sn unshielded **Preferential types**	