

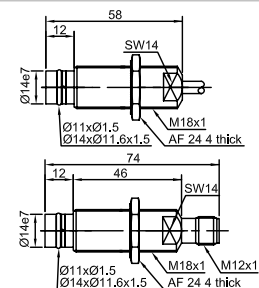
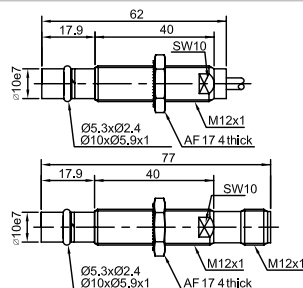
Item Code	LR12X		LR18X	
Mounting	● Flushed	● Flushed	● Flushed	● Flushed
Sensing distance	1.5mm	1.5mm	2mm	2mm



Output	NPN NO	LR12XBF15DNOB	LR12XBF15DNOB-E2	LR18XBF02DNOB	LR18XBF02DNOB-E2
	NPN NC	LR12XBF15DNCB	LR12XBF15DNCB-E2	LR18XBF02DNCB	LR18XBF02DNCB-E2
Output	PNP NO	LR12XBF15DPOB	LR12XBF15DPOB-E2	LR18XBF02DPOB	LR18XBF02DPOB-E2
	PNP NC	LR12XBF15DPCB	LR12XBF15DPCB-E2	LR18XBF02DPCB	LR18XBF02DPCB-E2

Technical Parameter				
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	<±15% Sr	<±15% Sr	<±15% Sr	<±15% Sr
Load current	<100mA	<100mA	<100mA	<100mA
Voltage drop	<2.5V	<2.5V	<2.5V	<2.5V
Consumption current	<15mA	<15mA	<15mA	<15mA
Hysteresis	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<5%	<5%	<5%	<5%
Frequency	600Hz	600Hz	200Hz	200Hz
Output indicator
Polarity protection	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes
Short-circuit protection	yes	yes	yes	yes
Withstand	500bar	500bar	500bar	500bar
Ambient temperature	-25...+80°C	-25...+80°C	-25...+80°C	-25...+80°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%
Protection degree	IP68	IP68	IP68	IP68
Housing material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Connection	2m PUR Cable	M12 Connector	2m PUR Cable	M12 Connector
Certification	CE U	CE U	CE U	CE U

* Cable material and length can be customized



Item Code	LR16X		LR14X	
Mounting	● Flushed	● Flushed	● Flushed	● Flushed
Sensing distance	2mm	2mm	1.5mm	1.5mm



Output	NPN NO	LR16XBF02DNOB	LR16XBF02DNOB-E2	LR14XBF15DNOB	LR14XBF15DNOB-E2
	NPN NC	LR16XBF02DNCB	LR16XBF02DNCB-E2	LR14XBF15DNCB	LR14XBF15DNCB-E2
Output	PNP NO	LR16XBF02DPOB	LR16XBF02DPOB-E2	LR14XBF15DPOB	LR14XBF15DPOB-E2
	PNP NC	LR16XBF02DPCB	LR16XBF02DPCB-E2	LR14XBF15DPCB	LR14XBF15DPCB-E2

Technical Parameter				
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±15% Sr	< ±15% Sr	< ±15% Sr	< ±15% Sr
Load current	<100mA	<100mA	<100mA	<100mA
Voltage drop	<2.5V	<2.5V	<2.5V	<2.5V
Consumption current	<15mA	<15mA	<15mA	<15mA
Hysteresis	1...20%	1...20%	1...20%	1...20%
Repeat accuracy	<5%	<5%	<5%	<5%
Frequency	600Hz	600Hz	600Hz	600Hz
Output indicator
Polarity protection	yes	yes	yes	yes
Surge protection	yes	yes	yes	yes
Short-circuit protection	yes	yes	yes	yes
Withstand	500bar	500bar	500bar	500bar
Ambient temperature	-25...+80°C	-25...+80°C	-25...+80°C	-25...+80°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%
Protection degree	IP68	IP68	IP68	IP68
Housing material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Connection	2m PUR Cable	M12 Connector	2m PUR Cable	M12 Connector
Certification	CE U _L	CE U _L	CE U _L	CE U _L

* Cable material and length can be customized

