

Item Code	LR12X		LR12X	
Mounting	● Flush	○ Non-flush	● Flush	○ Non-flush
Sensing distance	2mm	4mm	2mm	4mm



Output	NPN NO	LR12XBF02DNO	LR12XBN04DNO	LR12XBF02DNO-E2	LR12XBN04DNO-E2
	NPN NC	LR12XBF02DNC	LR12XBN04DNC	LR12XBF02DNC-E2	LR12XBN04DNC-E2
	NPN NO+NC	LR12XBF02DNR	LR12XBN04DNR	LR12XBF02DNR-E2	LR12XBN04DNR-E2
Output	PNP NO	LR12XBF02DPO	LR12XBN04DPO	LR12XBF02DPO-E2	LR12XBN04DPO-E2
	PNP NC	LR12XBF02DPC	LR12XBN04DPC	LR12XBF02DPC-E2	LR12XBN04DPC-E2
	PNP NO+NC	LR12XBF02DPR	LR12XBN04DPR	LR12XBF02DPR-E2	LR12XBN04DPR-E2

Technical Parameter				
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	10...30 VDC
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	< ±10% Sr
Load current	<200mA	<200mA	<200mA	<200mA
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	<3%	<3%	<3%	<3%
Frequency	1500Hz	1000Hz	1500Hz	1000Hz
Output indicator	Yellow LED	Yellow LED	Yellow LED	Yellow LED
Polarity protection	yes	yes	yes	yes
Dielectric strength	1000V/AC 50/60Hz 60s	1000V/AC 50/60Hz 60s	1000V/AC 50/60Hz 60s	1000V/AC 50/60Hz 60s
Short-circuit protection	yes	yes	yes	yes
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	-25...+70°C
Ambient moisture	35...95%	35...95%	35...95%	35...95%
Protection degree	IP67	IP67	IP67	IP67
Housing material	Nickel-copper alloy	Nickel-copper alloy	Nickel-copper alloy	Nickel-copper alloy
Connection	2m PVC Cable	2m PVC Cable	M12 Connector	M12 Connector
Certification	CE U _I	CE U _I	CE U _I	CE U _I

* Cable material and length can be customized

