

Item Code		LR12X		LR12X	
Mounting		● Quasi-flush	● Non-flush	● Quasi-flush	● Non-flush
Sensing distance		6mm	10mm	6mm	10mm
					
Output	NPN NO	LR12XCF06DNOY	LR12XCN10DNOY	LR12XCF06DNOY-E2	LR12XCN10DNOY-E2
	NPN NC	LR12XCF06DNCY	LR12XCN10DNCY	LR12XCF06DNCY-E2	LR12XCN10DNCY-E2
Output	PNP NO	LR12XCF06DPOY	LR12XCN10DPOY	LR12XCF06DPOY-E2	LR12XCN10DPOY-E2
	PNP NC	LR12XCF06DPCY	LR12XCN10DPCY	LR12XCF06DPCY-E2	LR12XCN10DPCY-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		500Hz	300Hz	500Hz	300Hz
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 UL	CE UL	CE UL	CE UL

* Cable material and length can be customized

