

Item Code	LR12X		LR12X	
Mounting	● Quasi-flush	◐ Non-flush	● Quasi-flush	◐ Non-flush
Sensing distance	4mm	8mm	4mm	8mm



Output	NPN NO	LR12XBF04DNOY	LR12XBN08DNOY	LR12XBF04DNOY-E2	LR12XBN08DNOY-E2
	NPN NC	LR12XBF04DNCY	LR12XBN08DNCY	LR12XBF04DNCY-E2	LR12XBN08DNCY-E2
	NPN NO+NC	LR12XBF04DNRY	LR12XBN08DNRY	LR12XBF04DNRY-E2	LR12XBN08DNRY-E2
Output	PNP NO	LR12XBF04DPOY	LR12XBN08DPOY	LR12XBF04DPOY-E2	LR12XBN08DPOY-E2
	PNP NC	LR12XBF04DPCY	LR12XBN08DPCY	LR12XBF04DPCY-E2	LR12XBN08DPCY-E2
	PNP NO+NC	LR12XBF04DPRY	LR12XBN08DPRY	LR12XBF04DPRY-E2	LR12XBN08DPRY-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	800Hz	500Hz	800Hz	500Hz
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	CE U	CE U	CE U

\* Cable material and length can be customized

