

Item Code	LR12		LR12	
Mounting	● Flushed	○ Non-flushed	● Flushed	○ Non-flushed
Sensing distance	2mm	4mm	2mm	4mm



Output	NPN NO	LR12BF02DNO	LR12BN04DNO	LR12BF02DNO-E2	LR12BN04DNO-E2
	NPN NC	LR12BF02DNC	LR12BN04DNC	LR12BF02DNC-E2	LR12BN04DNC-E2
	NPN NO+NC	LR12BF02DNR	LR12BN04DNR	LR12BF02DNR-E2	LR12BN04DNR-E2
Output	PNP NO	LR12BF02DPO	LR12BN04DPO	LR12BF02DPO-E2	LR12BN04DPO-E2
	PNP NC	LR12BF02DPC	LR12BN04DPC	LR12BF02DPC-E2	LR12BN04DPC-E2
	PNP NO+NC	LR12BF02DPR	LR12BN04DPR	LR12BF02DPR-E2	LR12BN04DPR-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	<10mA	<10mA	<10mA	<10mA
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
Surge protection	yes	yes	yes	yes
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 <sub>L</sub>	CE U <sub>L</sub>	CE U <sub>L</sub>	CE U <sub>L</sub>

\* Cable material and length can be customized

