

Item Code	LR08		LR08	
Mounting	● Quasi-flush	○ Non-flush	● Quasi-flush	○ Non-flush
Sensing distance	2mm	4mm	2mm	4mm



Output	NPN NO	LR08BF02DNOY	LR08BN04DNOY	LR08BF02DNOY-E1	LR08BN04DNOY-E1
	NPN NC	LR08BF02DNCY	LR08BN04DNCY	LR08BF02DNCY-E1	LR08BN04DNCY-E1
Output	PNP NO	LR08BF02DPOY	LR08BN04DPOY	LR08BF02DPOY-E1	LR08BN04DPOY-E1
	PNP NC	LR08BF02DPCY	LR08BN04DPCY	LR08BF02DPCY-E1	LR08BN04DPCY-E1

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	<150mA	<150mA	<150mA	<150mA
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
Dielectric strength	...	...	...	...
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	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Connection	2m PVC Cable	2m PVC Cable	M8 Connector	M8 Connector
Certification	CE	CE	CE	CE

* Cable material and length can be customized

