

Item Code	LR6.5Q		LR6.5Q	
Mounting	● Flush	⦿ Non-flush	● Flush	⦿ Non-flush
Sensing distance	2mm	4mm	2mm	4mm



Output	NPN NO	LR6.5QBF02DNOY	LR6.5QBN04DNOY	LR6.5QBF02DNOY-E1	LR6.5QBN04DNOY-E1
	NPN NC	LR6.5QBF02DNKY	LR6.5QBN04DNKY	LR6.5QBF02DNKY-E1	LR6.5QBN04DNKY-E1
Output	PNP NO	LR6.5QBF02DPOY	LR6.5QBN04DPOY	LR6.5QBF02DPOY-E1	LR6.5QBN04DPOY-E1
	PNP NC	LR6.5QBF02DPKY	LR6.5QBN04DPKY	LR6.5QBF02DPKY-E1	LR6.5QBN04DPKY-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	1000Hz	800Hz	1000Hz	800Hz
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

