

Item Code	LR18X		LR18X	
Mounting	● Quasi-flush	◐ Non-flush	● Quasi-flush	◐ Non-flush
Sensing distance	8mm	12mm	8mm	12mm



Output	NPN NO	LR18XBF08DNOY	LR18XBN12DNOY	LR18XBF08DNOY-E2	LR18XBN12DNOY-E2
	NPN NC	LR18XBF08DNKY	LR18XBN12DNKY	LR18XBF08DNKY-E2	LR18XBN12DNKY-E2
	NPN NO+NC	LR18XBF08DNRY	LR18XBN12DNRY	LR18XBF08DNRY-E2	LR18XBN12DNRY-E2
Output	PNP NO	LR18XBF08DPOY	LR18XBN12DPOY	LR18XBF08DPOY-E2	LR18XBN12DPOY-E2
	PNP NC	LR18XBF08DPCY	LR18XBN12DPCY	LR18XBF08DPCY-E2	LR18XBN12DPCY-E2
	PNP NO+NC	LR18XBF08DPY	LR18XBN12DPY	LR18XBF08DPY-E2	LR18XBN12DPY-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	400Hz	200Hz	400Hz	200Hz
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 <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

