

Item Code	LR18X		LR18X	
Mounting	● Flush	◐ Non-flush	● Flush	◐ Non-flush
Sensing distance	5mm	8mm	5mm	8mm



Output	NPN NO	LR18XBF05DNO	LR18XBN08DNO	LR18XBF05DNO-E2	LR18XBN08DNO-E2
	NPN NC	LR18XBF05DNC	LR18XBN08DNC	LR18XBF05DNC-E2	LR18XBN08DNC-E2
Output	PNP NO	LR18XBF05DPO	LR18XBN08DPO	LR18XBF05DPO-E2	LR18XBN08DPO-E2
	PNP NC	LR18XBF05DPC	LR18XBN08DPC	LR18XBF05DPC-E2	LR18XBN08DPC-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	<100mA	<100mA	<100mA	<100mA
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	<5%	<5%	<5%	<5%
Frequency	400Hz	400Hz	400Hz	400Hz
Output indicator
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
Ambient temperature	-25...+120°C	-25...+120°C	-25...+120°C	-25...+120°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 Silica Gel	2m Silica Gel	M12 Connector	M12 Connector
Certification	CE U _L	CE U _L	CE U _L	CE U _L

