

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
	NPN NO+NC	LR18XBF05DNR	LR18XBN08DNR	LR18XBF05DNR-E2	LR18XBN08DNR-E2
Output	PNP NO	LR18XBF05DPO	LR18XBN08DPO	LR18XBF05DPO-E2	LR18XBN08DPO-E2
	PNP NC	LR18XBF05DPC	LR18XBN08DPC	LR18XBF05DPC-E2	LR18XBN08DPC-E2
	PNP NO+NC	LR18XBF05DPR	LR18XBN08DPR	LR18XBF05DPR-E2	LR18XBN08DPR-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	1000Hz	800Hz	1000Hz	800Hz
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>i</sub>	CE U <sub>i</sub>	CE U <sub>i</sub>	CE U <sub>i</sub>

\* Cable material and length can be customized

