

Item Code	LR05		LR05X	
Mounting	● Flush	● Flush	● Flush	
Sensing distance	0.8 mm	0.8 mm	0.8 mm	



Output	NPN NO	LR05AF08DNO	LR05AF08DNO-E1	LR05XAF08DNO	
	NPN NC	LR05AF08DNC	LR05AF08DNC-E1	LR05XAF08DNC	
Output	PNP NO	LR05AF08DPO	LR05AF08DPO-E1	LR05XAF08DPO	
	PNP NC	LR05AF08DPC	LR05AF08DPC-E1	LR05XAF08DPC	

Technical Parameter				
Supply voltage	10...30 VDC	10...30 VDC	10...30 VDC	
Switch point drift	< ±10% Sr	< ±10% Sr	< ±10% Sr	
Load current	<100mA	<100mA	<100mA	
Voltage drop	<2.5V	<2.5V	<2.5V	
Consumption current	<10mA	<10mA	<10mA	
Hysteresis	1...20%	1...20%	1...20%	
Repeat accuracy	<3%	<3%	<3%	
Frequency	2000Hz	2000Hz	2000Hz	
Output indicator	Red LED	Red LED	Red LED	
Polarity protection	yes	yes	yes	
Dielectric strength	
Short-circuit protection	
Ambient temperature	-25...+70°C	-25...+70°C	-25...+70°C	
Ambient moisture	35...95%	35...95%	35...95%	
Protection degree	IP67	IP67	IP67	
Housing material	Stainless steel	Stainless steel	Stainless steel	
Connection	2m PUR Cable	M8 Connector	2m PUR Cable	
Certification	CE	CE	CE	

* Cable material and length can be customized

