

Item Code	LR05		LR05X	
Mounting	● Flush	● Flush	● Flush	
Sensing distance	1.5mm	1.5mm	1.5mm	



Output	NPN NO	LR05AF15DNOY	LR05AF15DNOY-E1	LR05XAF15DNOY	
	NPN NC	LR05AF15DNCY	LR05AF15DNCY-E1	LR05XAF15DNCY	
Output	PNP NO	LR05AF15DPOY	LR05AF15DPOY-E1	LR05XAF15DPOY	
	PNP NC	LR05AF15DPCY	LR05AF15DPCY-E1	LR05XAF15DPCY	

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		1200Hz	1200Hz	1200Hz	
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

