

Standard function type inductive sensors **LR08** series


Features

- ◆ Non contact detection, safe and reliable;
- ◆ ASIC design;
- ◆ Perfect choice for metallic targets detection;



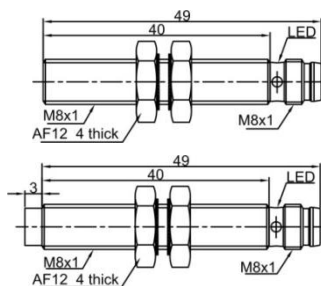
Part number

DC 2 wires NO	LR08BF15DLO-E1	LR08XBN02DLO-E1	DC 2wires NC	LR08BF15DLC-E1	LR08BN02DLC-E1
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Technical specifications

Mounting	Flush	Non-flush	Leakage current [Ir]	≤1mA	
Rated distance [Sn]	1.5mm	2mm	Circuit protection	Short-circuit, overload and reverse polarity	
Assured distance [Sa]	0...1.2mm	0...1.6mm	Output indicator	Yellow LED	
Dimensions	M8*49mm M8*52mm		Ambient temperature	-25°C...70°C	
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH	
Supply voltage	10...30 VDC		Switching frequency [F]	1000 Hz	800 Hz
Standard target	Fe 8*8*1t	Fe 8*8*1t	Voltage withstand	...	
Switch-point drifts [%/Sr]	≤ ± 10%		Insulation resistance	≥ 50MΩ (500VDC)	
Hysteresis range [%/Sr]	1...20%		Vibration resistance	10...50Hz (1.5mm)	
Repeat accuracy [R]	≤ 3%		Degree of protection	IP67	
Load current	≤ 100mA		Housing material	Stainless steel	
Residual voltage	≤ 8V		Connection type	M8 connector	

Dimensions



Wiring diagram

