

Metal cylindrical shape inductive sensors **LR08** series

**Features**

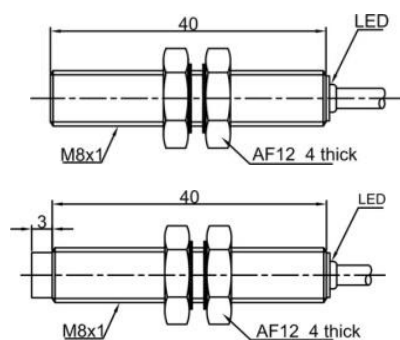
- ◆ Extended sensing distance;
- ◆ ASIC design, safe and reliable;
- ◆ Perfect choice for metallic target detection;


**Part number**

DC 2 wires NO	LR08BF02DLOY	LR08BN04DLOY	DC 2 wires NC	LR08BF02DLCY	LR08BN04DLCY
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**Technical specifications**

Mounting	Quasi-flush	Non-flush	Leakage current [Ir]	≤1mA	
Rated distance [Sn]	2mm	4mm	Circuit protection	Reverse polarity	
Assured distance [Sa]	0...1.6mm	0...3.2mm	Output indicator	Yellow LED	
Dimensions	M8*40mm	M8*43mm	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]	1000Hz	800Hz
Standard target	Fe 8*8*1t	Fe12*12*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	≤ 6V		Connection type	2m PVC cable	

**Dimensions**

**Wiring diagram**
