

Metal cylindrical shape inductive sensors **LR08** series

Features

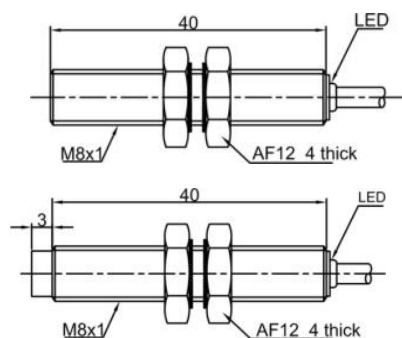
- ◆ Extended sensing distance;
- ◆ ASIC design, safe and reliable;
- ◆ Perfect choice for metallic target detection;


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 [I _r]	≤1mA
Rated distance [S _n]	2mm	4mm	Circuit protection	Reverse polarity
Assured distance [S _a]	0...1.6mm	0...3.2mm	Output indicator	YellowLED
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*1tFe12*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
