

Standard function type inductive sensors **LR08** series



Features

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



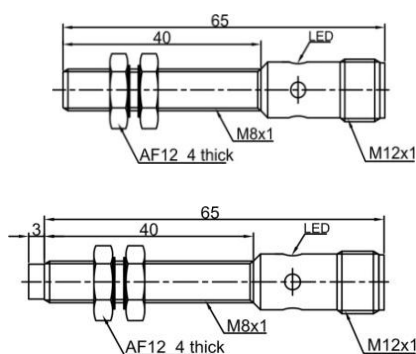
Part number

DC 2 wires NO	LR08BF15DLO-E2	LR08BN02DLO-E2	DC 2wires NC	LR08BF15DLC-E2	LR08BN02DLC-E2
---------------	----------------	----------------	--------------	----------------	----------------

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*65mm	M8*68mm	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	Nickel-copper alloy	
Residual voltage	≤8V		Connection type	M12 connector	

Dimensions



Wiring diagram

