Standard function type inductive sensors **LR08** series



Features

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

CE

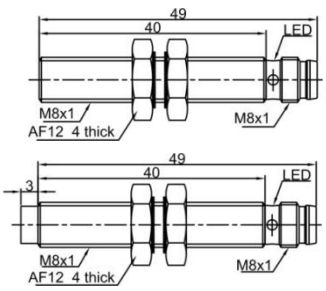
Part number

DC 2 wires NO	LR08BF15DLO-E1	LR08BN02DLO-E1	DC 2wires NC	LR08BF15DLC-E1	LR08BN02DLC-E1

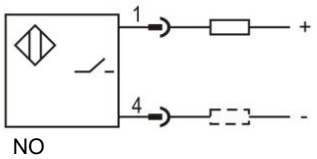
Technical specifications

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℃…70℃	
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	

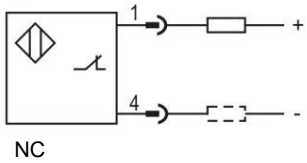
Dimensions



Wiring diagram



NO



NC

