

Standard function type inductive sensors LR08 series



Features

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

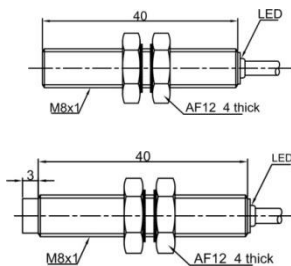
Part number

NPN NO	LR08BF15DNO	LR08BN02DNO	PNP NO	LR08BF15DPO	LR08BN02DPO
NPN NC	LR08BF15DNC	LR08BN02DNC	PNP NC	LR08BF15DPC	LR08BN02DPC

Technical specifications

Mounting	Flush	Non-flush	Leakage current [Ir]	≤10mA
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*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]	2000 Hz 1500Hz
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	≤150mA		Housing material	Stainless steel
Residual voltage	≤2.5V		Connection type	2m PVC cable

Dimensions



Wiring diagram

