

Standard function type inductive sensors **LR12X** series


Features

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



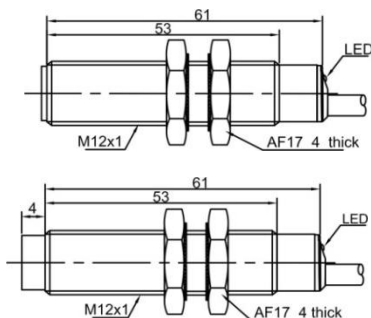
Part number

AC 2 wires NO	LR12XCF02ATO	LR12XCN04ATO	AC 2 wires NC	LR12XCF02ATC	LR12XCN04ATC
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Technical specifications

Mounting	Flush	Non-flush	Leakage current [I _r]	≤3mA
Rated distance [S _n]	2mm	4mm	Circuit protection
Assured distance [S _a]	0...1.6mm	0...3.2mm	Output indicator	Yellow LED
Dimensions	M12*61mm	M12*65mm	Ambient temperature	-25°C...70°C
Output	NO/NC(depends on part number)		Ambient humidity	35-95%RH
Supply voltage	20...250 VAC		Switching frequency [F]	20 Hz 20 Hz
Standard target	Fe 12*12*1t	Fe 12*12*1t	Voltage withstand	1000V/AC 50/60Hz 60S
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	≤ 200mA		Housing material	Nickel-copper alloy
Residual voltage	≤ 10V		Connection type	2m PVC cable

Dimensions



Wiring diagram

