

Metal cylindrical shape inductive sensors **LR12X** series



Features

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



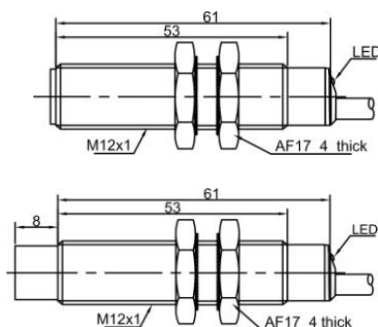
Part number

AC 2 wiresNO	LR12XCF04ATOY	LR12XCN08ATOY	AC 2 wiresNC	LR12XCF04ATCY	LR12XCN08ATCY
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Technical specifications

Mounting	Quasi -flush	Non-flush	Leakage current [Ir]	≤3mA
Rated distance [Sn]	4mm	8mm	Circuit protection	
Assured distance [Sa]	0...3.2mm0...6.4mm		Output indicator	Yellow LED
Dimensions	M12 *61mmM12 *69mm		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
Standard target	Fe 12*12*1t	Fe 24*24*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

