

Metal cylindrical shape inductive sensors LR30X series



Features

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



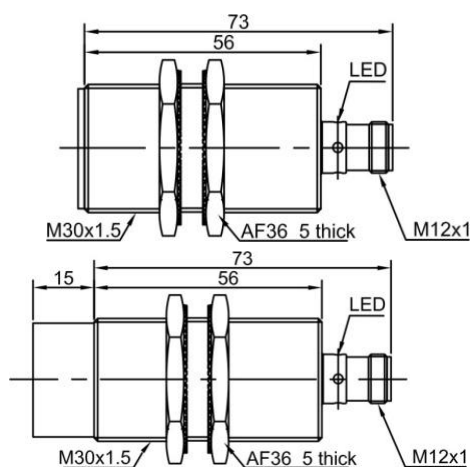
Part number

AC 2 wiresNO	LR30XCF15ATOY-E2	LR30XCN22ATOY-E2	AC 2 wiresNC	LR30XCF15ATCY-E2	LR30XCN22ATCY-E2
--------------	------------------	------------------	--------------	------------------	------------------

Technical specifications

Mounting	Quasi -flush	Non-flush	Leakage current [Ir]	≤3mA
Rated distance [Sn]	15mm	22mm	Circuit protection	
Assured distance [Sa]	0...12mm0...17.6mm		Output indicator	Yellow LED
Dimensions	M30*73mm	M30*88mm	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 45*45*1t	Fe 66*66*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	≤300mA		Housing material	Nickel-copper alloy
Residual voltage	≤10V		Connection type	M12 connector

Dimensions



Wiring diagram

