

Metal cylindrical shape inductive sensors **LR30X** series



Features

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



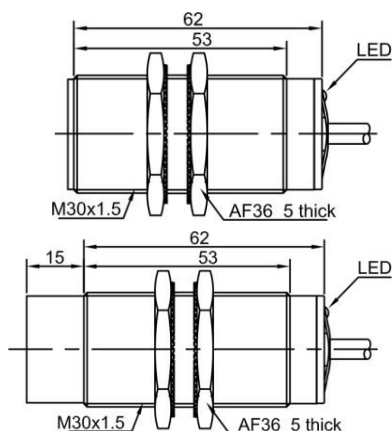
Part number

NPN NO	LR30XCF22DNOY	LR30XCN40DNOY	PNP NO	LR30XCF22DPOY	LR30XCN40DPOY
NPN NC	LR30XCF22DN CY	LR30XCN40DN CY	PNP NC	LR30XCF22DP CY	LR30XCN40DP CY
NPN NO+NC	LR30XCF22DNRY	LR30XCN40DNRY	PNP NO+NC	LR30XCF22DPRY	LR30XCN40DPRY

Technical specifications

Mounting	Quasi -flush	Non-flush	Leakage current [Ir]	≤15mA
Rated distance [Sn]	22mm	40mm	Circuit protection	Short-circuit, overload, and reverse polarity
Assured distance [Sa]	0...17.6mm0...32mm		Output indicator	Yellow LED
Dimensions	M30*62mm	M30*77mm	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]	100 Hz 50 Hz
Standard target	Fe 66*66*1t	Fe 120*120*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	≤2.5V		Connection type	2m PVC cable

Dimensions



Wiring diagram

