

Speed monitoring inductive sensors **LR30X** series



Features

- ◆ Non contact detection, safe and reliable;
- ◆ ASIC design;
- ◆ Perfect choice for speed monitoring;



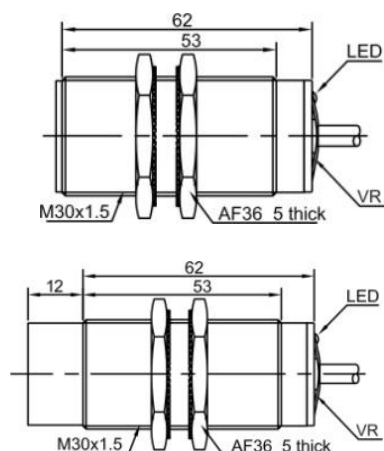
Part number

NPNNC	LR30XCF10DNCJ	LR30XCN15DNCJ	PNPNC	LR30XCF10DPCJ	LR30XCN15DPCJ
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Technical specifications

Mounting	Flush	Non-flush	Current consumption	≤15mA
Rated distance [Sn]	10mm	15mm	Circuit protection	Reverse polarity protection
Assured distance [Sa]	0...8mm0...12mm		Output indicator	Yellow LED
Dimensions	M30*62mm	M30*74mm	Ambient temperature	-25°C...70°C
Output	NC		Ambient humidity	35...95%RH
Supply voltage	10...30 VDC		Monitoring pulse	3...3000 times/min
Standard target	Fe 30*30*1t	Fe 45*45*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

