Metal cylindrical shape inductive sensors **LR30X** series



Features:

- Special compensating circuit design
- Wider termpature range -25~+180
- Suitable for all kinds of harsh environments

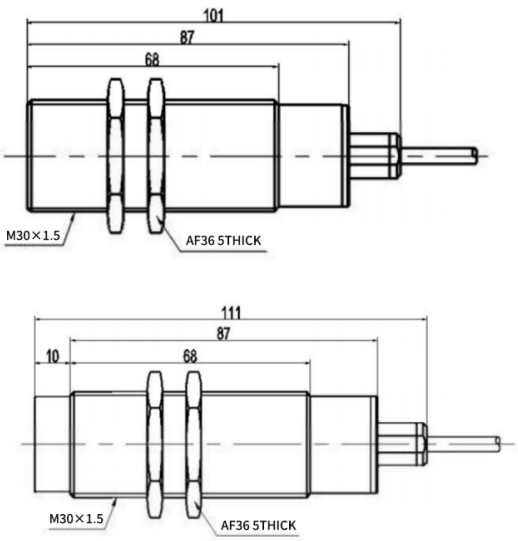
Part number

NPN	NO	LR30XBF10DNOW4	LR30XBN15DNOW4	PNP	NO	LR30XBF10DPOW4	LR30XBN15DPOW4
NPN	NC	LR30XBF10DNCW4	LR30XBN15DNCW4	PNP	NC	LR30XBF10DPCW4	LR30XBN15DPCW4

Technical specifications

Mounting	Flush	Non-flush	Circuit protection	Reverse polarity protection	
Rated distance	10mm	15mm	Output indication	……	
Ensure distance	0…8mm	0…12mm	Ambient temperature	-25℃…180℃	
Dimensions	M30*101mm	M30*111mm	Environmenthumidity	35-95%RH	
Output	NO/NC(Depending on model)		Switching frequency	200 Hz	1 00 Hz
Supply voltage	10…30 VDC		Withstand voltage	1000V/AC 50/60Hz 60s	
Standard target	Fe 30*30*1t	Fe 45*45*1t	Insulation resistance	≥50MΩ(500VDC)	
Switch point offset	≤±10%		Vibration resistant	Complex amplitude 1.5mm 10..50Hz	
Hysteresis range	1…20%			(2 hours each in X, Y, and Z directions)	
Repetitive error	≤5%		Protection degree	IP68	
Load current	≤100mA		Housing material	Stainless steel	
Residual voltage	≤2.5V		Sensing surface material	PEEK	
Current consumption	≤15mA		Connection type	2m Teflon cable	

Dimensions



Wiring diagram

