

Analog output type inductive sensors LR30X series



Features

- ◆ Providing equivalent signal output along with target position;
- ◆ 0-10V, 0-20mA, 4-20mA analog output;
- ◆ Perfect choice for displacement and thickness measurement;



Part number					
0-10V	LR30XCF10LUM	LR30XCN15LUM	4-20mA	LR30XCF10LI4M	LR30XCN15LI4M
0-20mA	LR30XCF10LIM	LR30XCN15LIM	0-10V + 0-20mA	LR30XCF10LIUM	LR30XCN15LIUM

Technical specifications					
Mounting	Flush	Non-flush	Current consumption	≤20mA	
Rated distance [Sn]	10mm	15mm	Circuit protection	Reverse polarity protection	
Sensing distance	2...10mm3...15mm		Output indicator	Yellow LED	
Dimensions	M30*62mm	M30*74mm	Ambient temperature	-25°C...70°C	
Output	Current, voltage or current+voltage		Ambient humidity	35...95%RH	
Supply voltage	15...30 VDC		Switching frequency [F]	200 Hz	100 Hz
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)	
Linearity	≤±5%		Vibration resistance	10...50Hz (1.5mm)	
Repeat accuracy [R]	≤±3%		Degree of protection	IP67	
Load current	Voltage output: ≥4.7KΩ		Housing material	Nickel-copper alloy	
	Current output: ≤470Ω		Connection type	2m PVC cable	

Dimensions	Wiring diagram
	