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;

CE

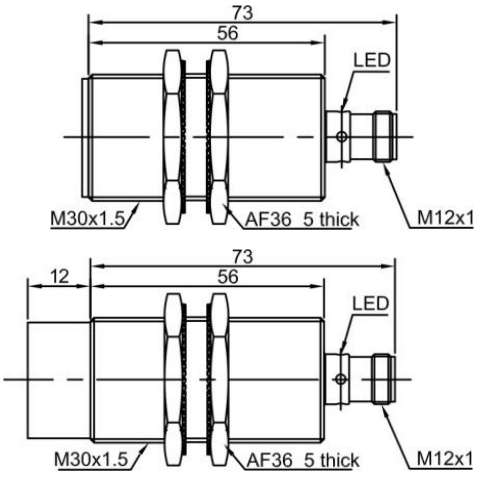
Part number

0-10V	LR30XCF10LUM-E2	LR30XCN15LUM-E2	4-20mA	LR30XCF10LI4M-E2	LR30XCN15LI4M-E2
0-20mA	LR30XCF10LIM-E2	LR30XCN15LIM-E2	0-10V + 0-20mA	LR30XCF10LIUM-E2	LR30XCN15LIUM-E2

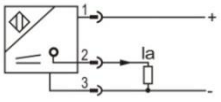
Technical specifications

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*73mm	M30*85 mm	Ambient temperature	-25℃…70℃	
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	M12 connector	

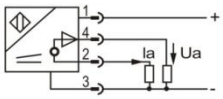
Dimensions



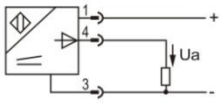
Wiring diagram



Current output



Current +Voltage output



Voltage output

