Analog output type inductive sensors **LR12X** series



Features

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

CE

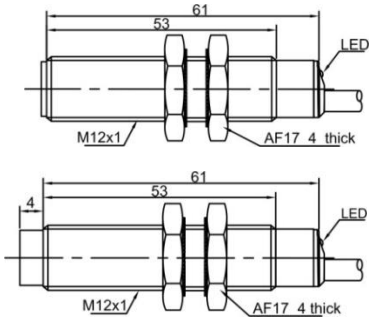
Part number

0-10V	LR12XCF02LUM	LR12XCN04LUM	4-20mA	LR12XCF02LI4M	LR12XCN04LI4M
0-20mA	LR12XCF02LIM	LR12XCN04LIM	0-10V + 0-20mA	LR12XCF02LIUM	LR12XCN04LIUM

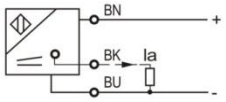
Technical specifications

Mounting	Flush	Non-flush	Current consumption	≤20mA	
Rated distance [Sn]	2mm	4mm	Circuit protection	Reverse polarity protection	
Sensing distance	0.4…2mm	0.8…4mm	Output indicator	Yellow LED	
Dimensions	M12*61mm	M12*65mm	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 12*12*1t	Fe 12*12*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	

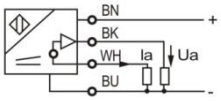
Dimensions



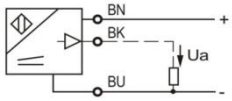
Wiring diagram



Current output



Current +Voltage output



Voltage output