

Analog output type inductive sensors **LR18X** series

**Features**

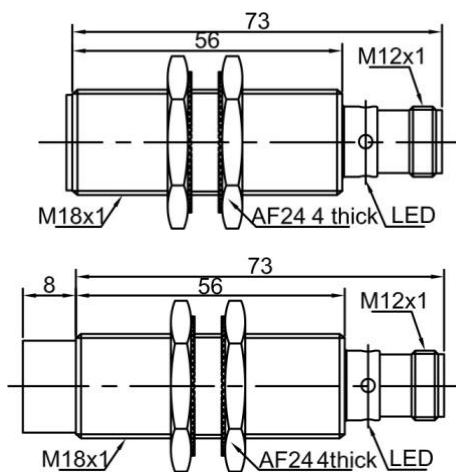
- ◆ Providing equivalent signal output along with target position;
- ◆ 0-10V, 0-20mA, 4-20mA analog output;
- ◆ Perfect choice for displacement and thickness measurement;


**Part number**

0-10V	LR18XCF05LUM-E2	LR18XCN08LUM-E2	4-20mA	LR18XCF05LI4M-E2	LR18XCN08LI4M-E2
0-20mA	LR18XCF05LIM-E2	LR18XCN08LIM-E2	0-10V + 0-20mA	LR18XCF05LIUM-E2	LR18XCN08LIUM-E2

**Technical specifications**

Mounting	Flush	Non-flush	Current consumption	≤20mA
Rated distance [Sn]	5mm	8mm	Circuit protection	Reverse polarity protection
Sensing distance	1...5mm	1.6...8mm	Output indicator	Yellow LED
Dimensions	M18*73mm	M18*81 mm	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 18*18*1t	Fe 24*24*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**
