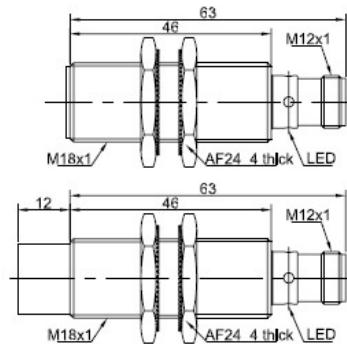


# ANALOG OUTPUT INDUCTIVE SENSOR **LR18X-E2** SERIES

Photo



Dimension drawing



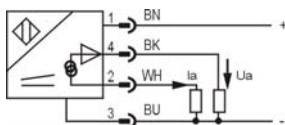
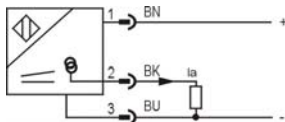
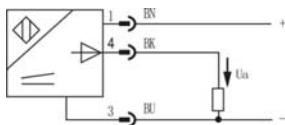
## Feature Description

- ◆ 0 ... 10 V and 0 ... 20 mA standard analog signal output
- ◆ Surge and reverse polarity protection
- ◆ Housing material : Nickel-plated brass
- ◆ Protection degree : IP67 (IEC)

## Item Code

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

## Connection diagram



Note:  
Customize for cable length, housing material and shape.

## Specification

Mounting	F	NF
SN[mm]	1..5mm	1.6..8mm
Housing size[mm]	M18*51.5	M18*59.5
Thread size [mm]	M18*1*43	
Output	PNP analog signal output (0...10V 或 0...20MA)	
Power supply	15...30V DC	
Standard target	Fe 18*18*1t	Fe 25*25*1t
Temperature drift [%/Sr]	±10%	
Linearity accuracy [%/Sr]	±3%	
Repeat accuracy	±3%	
Load current [mA]	≧ 4.7KΩ (voltage output) ≤500Ω (current output)	
Residual voltage	—	
Consumption current [mA]	≤20mA	
Protection circuit	Surge and reverse polarity protection	
Indicator	Yellow LED	
Ambient temp. [°C]	-25...70°C	
Ambient RH	35-95%RH	
Frequency [Hz]	200Hz	100Hz
Dielectric strength	1000V/AC 50/60Hz 60s	
Insulation resistance	≥50MΩ(500VDC)	
Anti-vibration	1.5mm amplitude at 10 to 55Hz for 2hours each in x, y, z D-D	
Protection degree	IP67	
Housing material	Nickel-plated brass	
Connection	M12 plug	