

Full metal housing inductive sensors **LR18X** series



Features

- ◆ High quality stainless steel housing, effective protection;
- ◆ More reliable, less maintenance cost;
- ◆ Perfect choice for food and chemical industry;



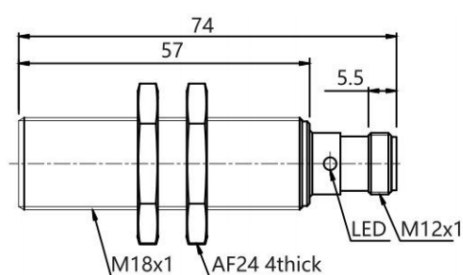
Part number

NPN NO	LR18XCF05DNOQ-E2	PNP NO	LR18XCF05DPOQ-E2
NPN NC	LR18XCF05DNCQ-E2	PNP NC	LR18XCF05DPCQ-E2

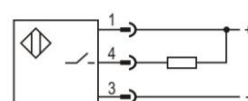
Technical specifications

Mounting	Flush	Circuit protection	Short-circuit, overload and reverse polarity
Rated distance	5mm	Output indicator	Yellow LED
Assured distance	0...4mm	Ambient temperature	-25°C...70°C
Dimensions	M18*74mm	Sensing face material	Stainless steel 316L
Output	NO/NC(depends on part number)	Switching frequency	200 Hz
Supply voltage	10...30 VDC	Voltage withstand	1000V/AC 50/60Hz 60s
Standard target	Fe 18*18*1t	Insulation resistance	≥50MΩ(500VDC)
Switch-point drifts	≤±10%	Vibration resistance	Complex amplitude 1.5mm 10...50Hz (2 hours each in X, Y, and Z directions)
Hysteresis range	1...20%	Degree of protection	IP67
Repeat accuracy	≤3%	Housing material	Stainless steel 316L
Load current	≤200mA	Connection type	M12 connector
Residual voltage	≤2.5V		
Current consumption ≤15mA			

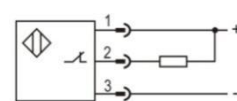
Dimensions



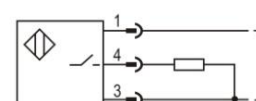
Wiring diagram



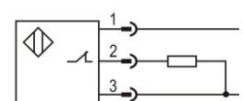
NPN NO



NPN NC



PNP NO



PNP NC

