Full metal housinginductive sensors **LR18X** series



Features

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

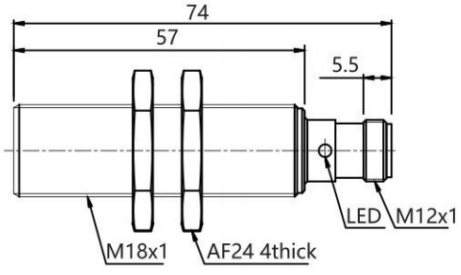
Part number

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

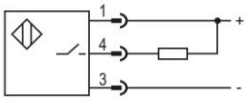
Technical specifications

Mounting	Flush	Circuit protection	Short-circuit, overload and reverse polarity
Rated distance	5mm	Output indicator	Yellow LED
Assured distance	0…4mm	Ambient temperature	-25℃…70℃
Dimensions	M18*74mm	Sensing face material	Stainless steel 361L
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
Hysteresis range	1…20%		(2 hours each in X, Y, and Z directions)
Repeat accuracy	⩽3%	Degree of protection	IP67
Load current	⩽200mA	Housing material	Stainless steel 361L
Residual voltage	⩽2.5V	Connection type	M12 connector
Current consumption	≤15mA		

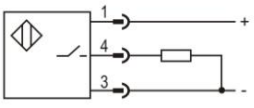
Dimensions



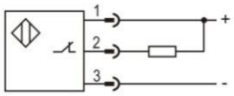
Wiring diagram



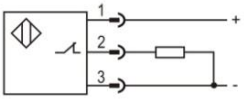
NPN NO



PNP NO



NPN NC



PNP NC

