

Full metal housing inductive sensors **LR12X** series



Features

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



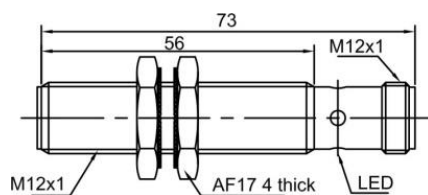
Part number

NPN NO	LR12XCF02DNOQ-E2	PNP NO	LR12XCF02DPOQ-E2
NPN NC	LR12XCF02DNCQ-E2	PNP NC	LR12XCF02DPCQ-E2

Technical specifications

Mounting	Flush	Current consumption	≤15mA
Rated distance [Sn]	2mm	Circuit protection	Short-circuit, overload and reverse polarity
Assured distance [Sa]	0...1.6mm	Output indicator	Yellow LED
Dimensions	M12*73mm	Ambient temperature	-25°C...70°C
Output	NO/NC(depends on part number)	Sensing face material	Stainless steel
Supply voltage	10...30 VDC	Switching frequency [F]	300 Hz
Standard target	Fe 12*12*1t	Voltage withstand	1000V/AC 50/60Hz 60s
Switch-point drifts [%/Sr]	≤ ±10%	Insulation resistance	≥50MΩ(500VDC)
Hysteresis range [%/Sr]	1...20%	Vibration resistance	10...50Hz (1.5mm)
Repeat accuracy [R]	≤3%	Degree of protection	IP67
Load current	≤200mA	Housing material	Stainless steel
Residual voltage	≤2.5V	Connection type	M12 connector

Dimensions



Wiring diagram

