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;

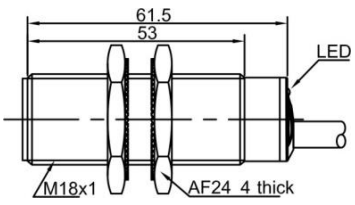
Part number

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

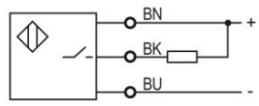
Technical specifications

Mounting	Flush	Current consumption	≤15mA
Rated distance [Sn]	5mm	Circuit protection	Short-circuit, overload and reverse polarity
Assured distance [Sa]	0…4mm	Output indicator	Yellow LED
Dimensions	M18*61.5mm	Ambient temperature	-25℃…70℃
Output	NO/NC(depends on part number)	Sensing face material	Stainless steel
Supply voltage	10…30 VDC	Switching frequency [F]	200 Hz
Standard target	Fe 18*18*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	2m PVC cable

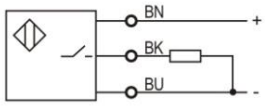
Dimensions



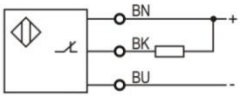
Wiring diagram



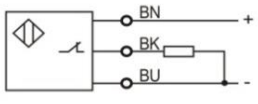
NPN NO



PNP NO



NPN NC



PNP NC