

Full metal inductive sensor LR18X series



Features

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



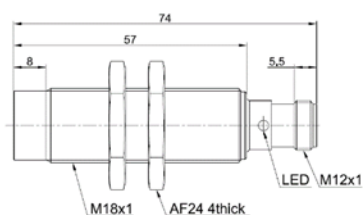
Model

NPN NO	LR18XCN08DNOQ-E2	PNP NO	LR18XCN08DPOQ-E2
NPN NC	LR18XCN08DNCQ-E2	PNP NC	LR18XCN08DPCQ-E2

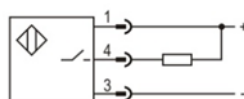
Specifications

Installation type	Non-flush	Protection circuit	Reverse polarity protection, short circuit protection, overload protection
Rated distance S_n	5mm	Output indication	Yellow LED
Ensure distance	0...4.05mm	Ambient temperature	-25°C...70°C
Shape specification	M18*73mm	Switching frequency	50Hz
Output type	NO/NC(Depending on model)	Impact withstand voltage	1000V/AC 50/60Hz 60s
Supply voltage	10...30 VDC	Insulation resistance	$\geq 50M\Omega$ (500VDC)
Standard target	Fe 18*18*1t	Vibration resistance	Complex amplitude 1.5mm 10...50Hz (2 hours each in X, Y, and Z directions)
Switch point offset	$\leq \pm 10\%$	Protection degree	IP67
Hysteresis range	1...20%	Sensing surface	Stainless steel 316L
Repetitive error	$\leq 5\%$	Housing material	Stainless steel 316L
Load current	$\leq 200mA$	Connection type	M12 Connector
Residual voltage	$\leq 2.5V$		
Consumption current	$\leq 15mA$		

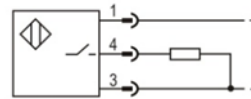
Dimensions



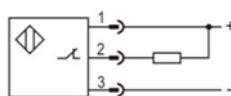
Circuit Diagrams



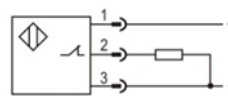
NPN NO



PNP NO



NPN NC



PNP NC

