

# Full metal inductive sensor LR30X series



## Features

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



Model			
NPN NO	LR30XCN15DNOQ-E2	PNP NO	LR30XCN15DPOQ-E2
NPN NC	LR30XCN15DNCQ-E2	PNP NC	LR30XCN15DPCQ-E2

Specifications			
Installation type	Non-flush	Protection circuit	Reverse polarity protection, short circuit protection, overload protection
Rated distance $S_n$	15mm	Output indication	Yellow LED
Ensure distance	0...12.15mm	Ambient temperature	-25°C...70°C
Shape specification	M30*73mm	Switching frequency	100Hz
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 45*45*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