

Metal cylindrical shape inductive sensors **LR18X** series



Features

- ◆ Extended sensing distance;
- ◆ ASIC design, safe and reliable;
- ◆ Perfect choice for metallic target detection;



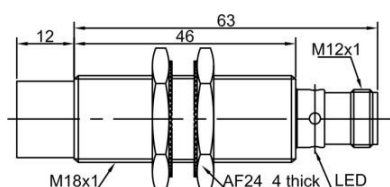
Part number

PNP NO LR18XGBN12DPOY-E2

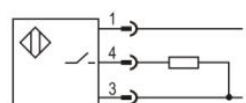
Technical specifications

Mounting	Non-flush	Current consumption	≤15mA
Rated distance [Sn]	12mm	Circuit protection	Short-circuit, overload and reverse polarity
Assured distance [Sa]	0...9.6mm	Output indicator	Yellow LED
Dimensions	M18*75mm	Ambient temperature	-25°C...70°C
Output	PNP NO	Ambient humidity	35-95%RH
Supply voltage	10...30 VDC	Switching frequency [F]	200 Hz
Standard target	Fe 36*36*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



PNP NO

