

Inductive sensors **LR12XS** series



Features

- ◆ Non contact detection, safe and reliable;
- ◆ ASIC design;



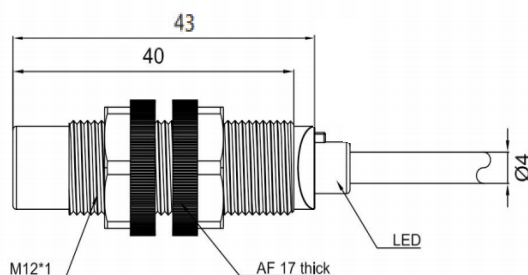
Part number

NPN NO	LR12XSBN04DNO	PNP NO	LR12XSBN04DPO
NPN NC	LR12XSBN04DNC	PNP NC	LR12XSBN04DPC

Technical specifications

Mounting	Non-flush	Leakage current	≤15mA
Rated distance[Sn]	4mm	Circuit protection	Short-circuit, overload and reverse polarity
Assured distance[Sa]	0...3.2mm	Output indicator	Yellow LED
Dimensions	M12*43mm	Ambient temperature	-25°C...70°C
Output	NO/NC (depends on part number)	Ambient humidity	35...95%RH
Supply voltage	10...30 VDC	Switching frequency	800 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	PBT
Residual voltage	≤2.5V	Connection type	2m PVC cable

Dimensions



Wiring diagram

