

Plastic square shape inductive sensors **LE12X** series



Features

- ◆ Non-contact detection method, safe and reliable, no wear
- ◆ Using ASIC technology, stable performance



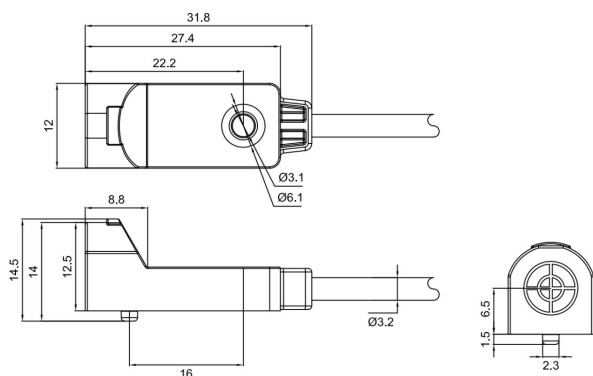
Part number

NPN NO	LE12XSN04DNO	PNP NO	LE12XSN04DPO
NPN NC	LE12XSN04DNC	PNP NC	LE12XSN04DPC

Technical specifications

Mounting	Non-flush	Circuit protection	Short-circuit, overload and reverse polarity
Rated distance [Sn]	4mm	Output indicator	Red LED
Assured distance [Sa]	0...3.2mm	Ambient temperature	-25°C...70°C
Dimensions	31.8*12.5*12mm	Ambient humidity	35...95%RH
Output	NO/NC(depends on part number)	Switching frequency [F]	800Hz
Supply voltage	10...30 VDC	Voltage withstand	1000V/AC 50/60Hz 60s
Standard target	Fe 12*12*1t	Insulation resistance	≥50M Ω (500VDC)
Switch-point drifts[%/Sr]	≤± 10%	Vibration resistance	Complex amplitude 1.5mm 10...50Hz(2hrs each for X,Y,Z direction)
Hysteresis range [%/Sr]	1...15%	Degree of protection	IP67
Repeat accuracy [R]	≤3%	Housing material	PC
Load current	≤100mA	Connection type	2m PU cable
Residual voltage	≤1V		
Current consumption	≤15mA		

Dimensions



Wiring diagram

