Inductive sensor **LE12** series



Feature description

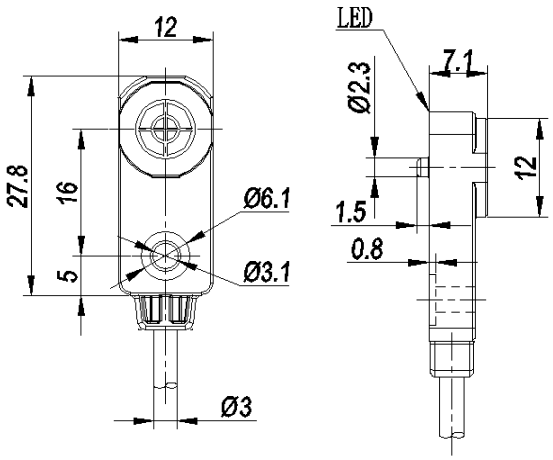
- Adopt non-contact detection method, safe and reliable, no wear
- Special ASIC technology, stable performance

CE

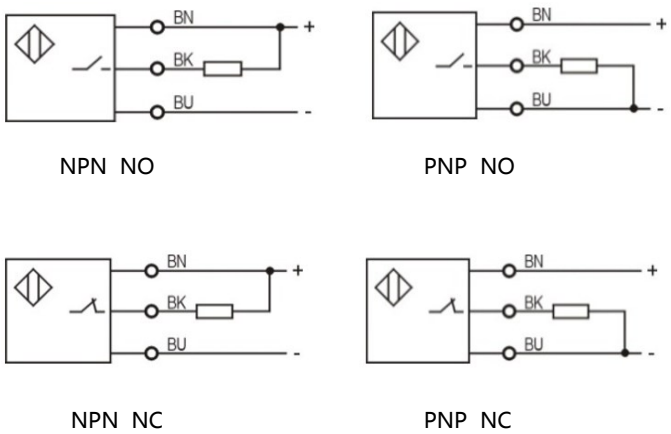
Part number			
NPN NO	LE12SN04DNO	PNP NO	LE12SN04DPO
NPN NC	LE12SN04DNC	PNP NC	LE12SN04DPC

Specification			
Mounting	Nonflush	Current consumption	≤15mA
Rated distance Sn	4mm	Protection circuit	Short circuit , overload and reverse polarity protection
Assured distance Sa	0...3.2mm	Output indication	Red LED
Shape size	27.8*12*7.1mm	Ambient temperature	-25□…70□
Output	NO/NC (Depends on part number)	Ambient humidity	35...95%RH
Supply voltage	10…30VDC	Switch frequency	800 Hz
Standard target	Fe 12*12*1t	Impact resistance	1000V/AC 50/60Hz 60s
Switch point offset [%/Sr]	≤±10%	Insulation resistance	≥50MΩ (500VDC)
Hysteresis range [%/Sr]	1…15%	Vibration resistance	Complex amplitude 1.5mm 10…50Hz (2H per X , Y , Z direction)
Repeat error	≤3%	Protection degree	IP67
Load current	≤100mA	Housing material	PC
Residual voltage	≤1V	Connection	2m PU cable

Dimension



Wiring



NPN NO　　PNP NO

NPN NC　　PNP NC