

## Metal square inductive sensor **LE05** series



### Feature description:

- ◆ Non-contact detection, safe and reliable, no wear
- ◆ Adopt ASIC technology, with stable performance
- ◆ Compact shape, flexible installation, suitable for very small space
- ◆ IP67



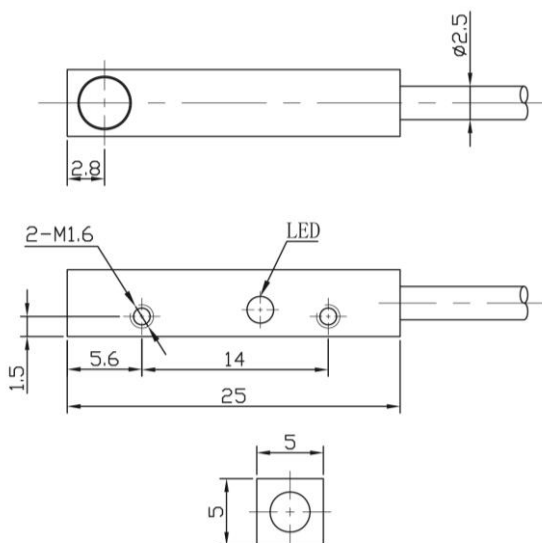
### Part number

NPN NO	LE05VF08DNO	NPN NC	LE05VF08DNC
PNP NO	LE05VF08DPO	PNP NC	LE05VF08DPC

### Specification

Installation	Flush	Protection circuit	Overload, short-circuit and reverse polarity protection
Rated distance $S_n$	0.8mm	Ambient temperature	Red LED
Assured distance $S_a$	0...0.64mm	Ambient humidity	-25°C...70°C
Shape size	25mm *5mm *5mm	Switch frequency	35-95%RH
Output	NO/NC	Impulse resistance	1800 Hz
Supply voltage	10...30 VDC	Insulation resistance	1000V/AC 50/60Hz 60s
Standard target	Fe 6*6*1t	Vibration resistance	$\geq 50M\Omega(75VDC)$
Switch point offset [%/Sr]	$\leq \pm 10\%$	Protection degree	Complex amplitude 1.5mm 10...50Hz (2h per X,Y,Z direction)
Hysteresis range [%/Sr]	1...20%	Housing material	IP67
Repeated error	$\leq 5\%$	Connection	Aluminum alloy 2m PUR cable
Load current	$\leq 100mA$		
Residual voltage	$\leq 2.5V$		
Current consumption	$\leq 15mA$		

### Dimensions



### Wiring Diagram

