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

CE

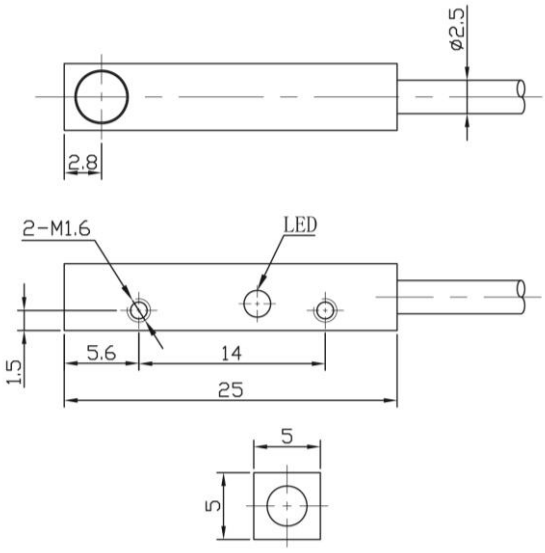
Part number

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

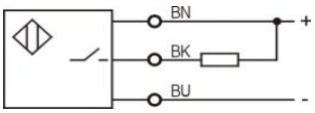
Specification

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

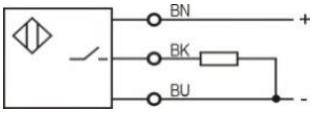
Dimensions



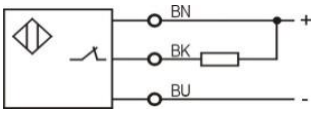
Wiring Diagram



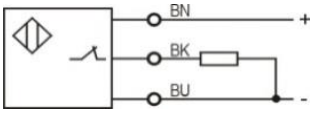
NPN NO



PNP NO



NPN NC



PNP NC