

# Plastic Square Capacitive Sensor **CE05** series



## Feature description:

- 5mm ultra-thin shape
- Screw mounting and strap mounting are optional
- Multiple distances are available
- Simultaneous detection of metallic and non-metallic objects



Part number			
NPN NO	CE05SN05DNO	PNP NO	CE05SN05DPO
NPN NC	CE05SN05DNC	PNP NC	CE05SN05DPC

Specification			
Installation	Non-flush	Protection circuit	Reverse polarity protection
Rated distance $S_n$	5mm	Output indicator	Yellow LED
Assured distance	0...4mm	Ambient temperature	-10°C...55°C
Shape size	20*50*5mm	Ambient humidity	35...95%RH
Output	NO/NC(Depending on model)	Switch frequency	30Hz
Supply voltage	10...30 VDC	Impulse resistance	1000V/AC 50/60Hz 60s
Standard target	Fe 30*30*1t	Insulation resistance	≥50MΩ(500VDC)
Switch point offset	≤±20%	Vibration resistance	Complex amplitude 1.5mm 10...50Hz (2h each in X,Y,Z directions)
Hysteresis range	1...20%	Protection degree	IP67
Repeated error	≤3%	Housing material	PBT
Load current	≤100mA	Connection	2m PVC cable
Residual voltage	≤2.5V		
Current consumption	≤15mA		

Dimensions	Wiring Diagram
	<p>NPN NO</p> <p>PNP NO</p> <p>NPN NC</p> <p>PNP NC</p>