

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	CE05SN08DNO	PNP NO	CE05SN08DPO
NPN NC	CE05SN08DNC	PNP NC	CE05SN08DPC

Specification			
Installation	Non-flush	Protection circuit	Reverse polarity protection
Rated distance S_n	8mm	Output indicator	Yellow LED
Assured distance	0...5.5mm	Ambient temperature	-25°C...70°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	≤±15%	Vibration resistance	Complex amplitude 1.5mm 10...50Hz (2h each in X,Y,Z directions)
Hysteresis range	3...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