

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	CE05SN35DNO
NPN NC	CE05SN35DNC

Specification			
Installation	Non-flush	Protection circuit	Reverse polarity protection
Rated distance S_n	3.5mm	Output indicator	Yellow LED
Assured distance	0...2.85mm	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	$\geq 50M\Omega(500VDC)$
Switch point offset	$\leq \pm 20\%$	Vibration resistance	Complex amplitude 1.5mm 10...50Hz (2h each in X,Y,Z directions)
Hysteresis range	1...20%	Protection degree	IP67
Repeated error	$\leq 3\%$	Housing material	PBT
Load current	$\leq 100mA$	Connection	2m PVC cable
Residual voltage	$\leq 2.5V$		
Current consumption	$\leq 15mA$		

Dimensions	Wiring Diagram