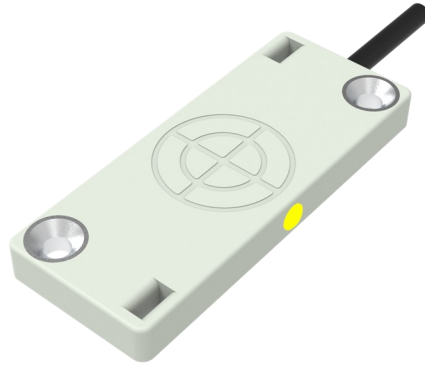


Plastic Square Capacitive Sensor **CE05X** series



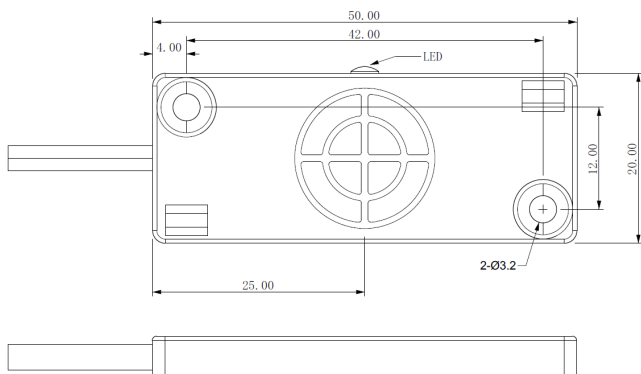
Model specification

NPN NO	CE05XSN05DNO	PNP NO	CE05XSN05DPO
NPN NC	CE05XSN05DNC	PNP NC	CE05XSN05DPC

Specifications

Installation	Non-flush	Protection circuit	Reverse polarity protection, Short circuit
Rated distance S_n	5mm(Not adjustable)		protection, overload protection
Assured distance	0...4mm	Ambient temperature	-25°C...70°C
Shape size	20*50*5mm	Ambient humidity	35...95%RH
Output	NPN NO	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)
Hysteresis range	3...15%	Vibration resistance	Complex amplitude 1.5mm 10...50Hz
Repeated error	≤3%		(2h each in X,Y,Z directions)
Load current	≤100mA	Protection degree	IP67
Residual voltage	≤2.5V	Housing material	PBT
Current consumption	≤15mA	Connection	2m PVC cable
Output indicator	Yellow LED		

Dimensions



Wiring Diagram

