

Plastic square capacitive sensor **CE16** series



Features:

- Can detect metal and non-metal material objects, more widely used
- Response frequency up to 100Hz
- Fast and accurate sensitivity adjustment with multi-turn potentiometer
- Detection distance up to 8mm

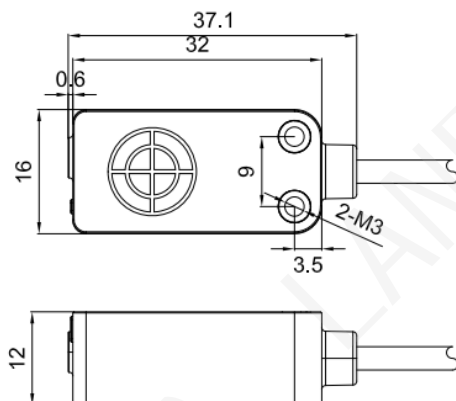


Part number			
NPN NO	CE16SN08DNOG	PNP NO	CE16SN08DPOG
NPN NC	CE16SN08DNCG	PNP NC	CE16SN08DPCG

Specifications

Installation	Non-flush	Residual voltage	≤2.5V
Rated distance S_n	8mm	Current consumption	≤15mA
Adjustable distance	3...12mm(Adjustable)	Protection circuit	Short-circuit, overload and reverse polarity
Adjustment method	Multi-turn potentiometer	Output indicator	Yellow LED
Shape size	12*16*37.1mm	Switch frequency	≥100Hz
Output	NO/NC(Depending on model)	Vibration resistance	Complex amplitude 1mm 10...50Hz (2h each in X,Y,Z directions)
Supply voltage	10...30 VDC	Impulse withsand	30G/11ms , 3 times each for X,Y,Z direction
Standard target	St45 25*25*1t(Ground)	Protection degree	IP67
Switch point offset	≤±10%	Housing material	ABS
Hysteresis range	3...20%	Connection	2m PVC cable
Repeated error	≤6%		
Load current	≤150mA		

Dimensions



Wiring Diagram

