

Plastic square high frequency capacitive sensor CE34 series



Features:

- ◆ High response frequency;
- ◆ The detection distance can be adjusted by knob;
- ◆ High detection accuracy;
- ◆ Strong anti-EMC interference ability.



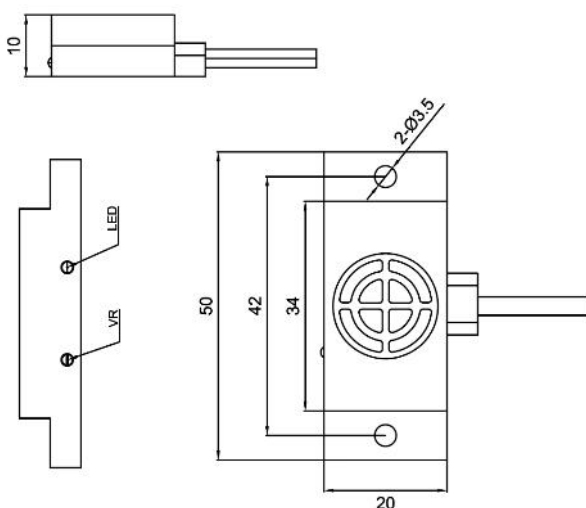
Part number

NPN NO CE34SN10DNOG

Technical specifications

Installation type	Non-flush	Circuit protection	Reverse polarity protection
Rated distance	5mm(Multi-turn adjustable)	Output indication	Yellow LED
Adjustable distance	2... 8mm	Ambient temperature	-10°C... 55°C
Shape specification	20*50*10mm	Environment humidity	35-95%RH
Output type	NPN NO	Switching frequency	100Hz
Supply voltage	10... 30VDC	High pressure resistant	1000V/AC50/60Hz60s
Standard target	Fe30*30*1t(Grounded))	Insulation resistance	≥ 50MΩ (500VDC)
Switch pointoffset	≤ ± 10%	Vibration resistant	Complex amplitude 1.5mm10... 50Hz (2 hours each in X, Y, and Z directions)
Hysteresisrange	1... 20%	Protection degree	IP67
Repetitive error	≤ 3%	Housing material	PBT
Load current	≤ 100mA	Connection type	2m Cable
Residual voltage	≤ 2.5V		
Consumption current	≤ 15mA		

Dimensions



Wiring diagram

