High temperature resistant level capacitive sensor **CE53S** series



Feature description

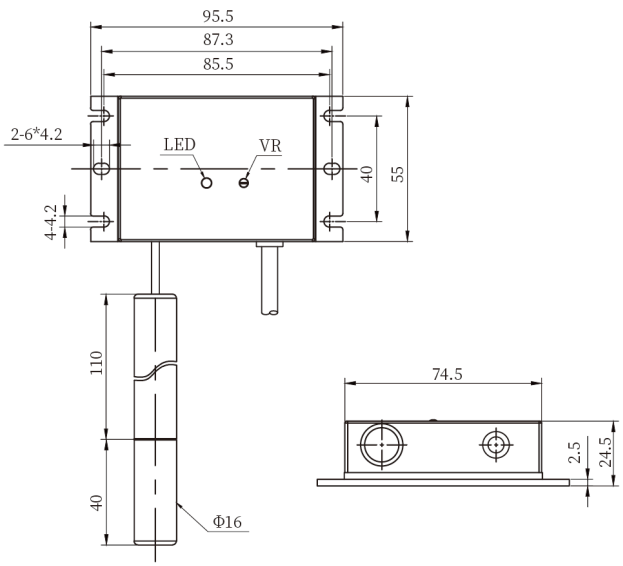
- Using special materials and separate structure design, more stable performance
- Multiple size detection head options
- With clear working status indication and sensitivity adjustment function
- Widely used in high temperature environment target detection, such as dispensing equipment

CE

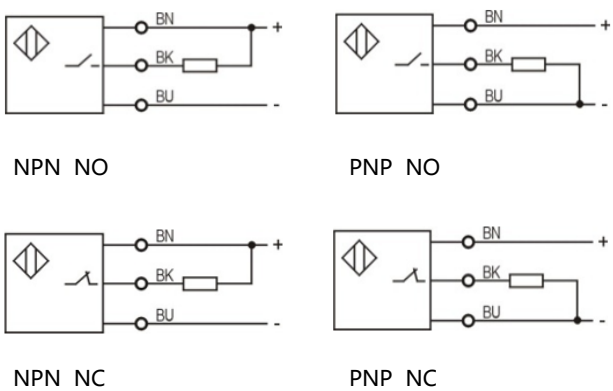
Model specification			
NPN NO	CE53SN08MNO 3001	PNP NO	CE53SN08MPO 3001
NPN NC	CE53SN08MNC 3001	PNP NC	CE53SN08MPC 3001

Specifications			
Installation type	Non-flush(Contact use)	Indicator display	Power indicator:Red LED;Output indication:Green LED
Adjust the distance	8mm(Adjustable)	Ambient temperature	Amplifier:0℃...+60℃;Induction head:250℃ Max
Standard target	ST45 carbon steel,inner diameter> 20mm,thickness 1mm ring	Switching frequency	0.3 Hz
Shape specification	Amplifier:95.5*55*22mm;Induction head:Φ16*150mm	Protection degree	IP54
Output type	NO/NC(Depending on model)	High pressure resistant	500V/AC 50/60Hz 60s
Supply voltage	18...36VDC	Insulation resistance	≥50MΩ(500VDC)
Hysteresis range	3...20%	Vibration resistance	Complex amplitude1.5mm 10...50Hz
Repetitive error	≤5%		(2 hours each in X,Y,and Z directions)
Load current	≤250mA	Housing material	Amplifier:PA6;Sensor head:Teflon+stainless steel
Residual voltage	≤2.5V	Detection head Connection cable	Teflon single core 1m shielded cable
Consumption current	≤100mA	Amplifier Connection cable	2m PVC cable
Protection circuit	Short circuit protection, overload protection,	Accessory	Slotted screwdriver
	reverse polarity protection		

Dimensions



Wiring diagram



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