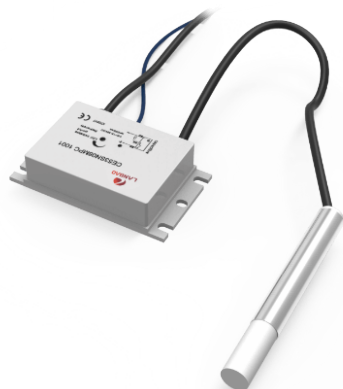


High temperature resistant capacitive sensors **CE53S** series


## Features

- ◆ Special material, separated construction design;
- ◆ Clear indication, sensitivity adjustable;
- ◆ Widely applied in high temperature condition field;

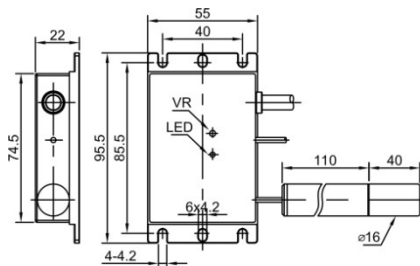
## Part number

NPN NO	CE53SN08MNO	PNP NO	CE53SN08MPO
NPN NC	CE53SN08MNC	PNP NC	CE53SN08MPC

## Technical specifications

Mounting	Non-flush	Consumption current	≤100mA
Rated distance [Sn]	8mm (adjustable)	Circuit protection	Short-circuit, overload and reverse polarity
Assured distance [Sa]	.....	Output indicator	Red LED
Dimensions	Amplifier:95*55*22mm;sensor probe:∅	Ambient temperature	Amplifier:0°C...+60 Sensor probe:250°C Max
Output	16*150mm	Ambient humidity	35-95%RH
Supply voltage	NO/NC (depends on part number)	Switching frequency [F]	60 Hz
Standard target	18...36 VDC	Voltage withstand	500V/AC 50/60Hz 60S
Switch-point drifts [%/Sr]	Fe 53*53*1t	Insulation resistance	≥50MΩ (500VDC)
Hysteresis range [%/Sr]	... ..	Vibration resistance	10...50Hz (1.5mm)
Repeat accuracy [R]	3...20%	Degree of protection	IP54
Load current	≤3%	Housing material	Amplifier: PBT; Sensor probe: PA66+Teflon+SS
Residual voltage	≤250mA	Connection type	2m PVC cable

## Dimensions



## Wiring diagram

