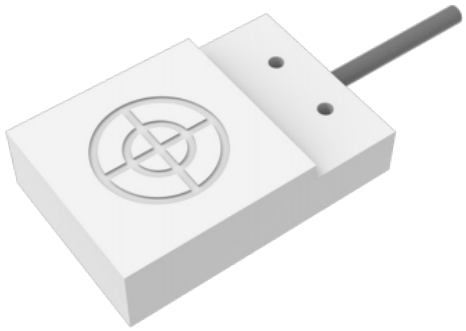
Plastic square shape capacitive sensors **CE39** series



Features

- Be able to detect both metal and nonmetal objects
- Be able to detect various media via nonmetallic container

CE

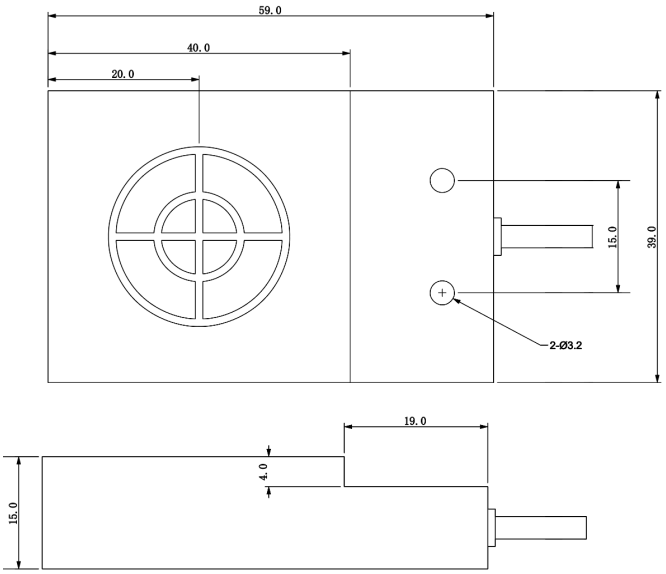
Part number

NPN NO	CE39SN12DNO	PNP NO	CE39SN12DPO
NPN NC	CE39SN12DNC	PNP NC	CE39SN12DPC

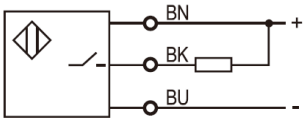
Technical specifications

Mounting	Non-flush	Consumption current	≤15mA
Rated distance [Sn]	2...12mm(adjustable)	Circuit protection	Reverse polarity protection
Assured distance	2...9.6mm	Output indicator	Yellow LED
Dimensions	39*59*15mm	Ambient temperature	-10℃...55℃
Output	NO/NC(dependsonpartnumber)	Ambient humidity	35...95%RH
Supply voltage	10...30 VDC	Switching frequency	50Hz
Standard target	Fe 45*45*1t	Voltage withstand	1000V/AC 50/60Hz 60s
Switch-point drifts	≤±20%	Insulation resistance	≥50MΩ (500VDC)
Hysteresis range	3...20%	Vibration resistance	10...50Hz(1.5mm)
Repeat accuracy	≤5%	Degree of protection	IP67
Load current	≤200mA	Housing material	PBT
Residual voltage	≤2.5V	Connection type	2m PVC cable

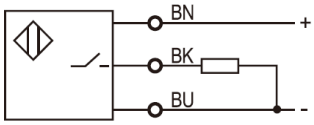
Dimensions



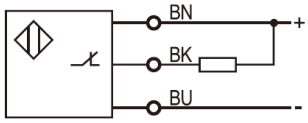
Wiring diagram



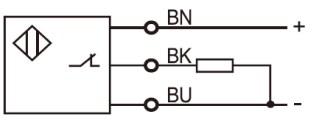
NPN NO



PNP NO



NPN NC



PNP NC