

Plastic square shape capacitive sensors **CE34** series



Features

- ◆ Be able to detect both metal and nonmetal objects;
- ◆ Be able to detect various media via nonmetallic container;
- ◆ Reliable liquid level detecting;

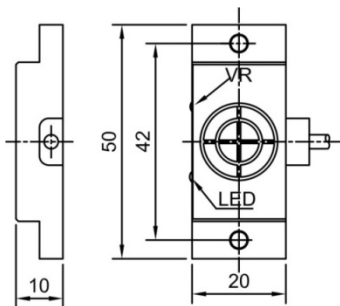
Part number

NPN NO	CE34SN10DNO	PNP NO	CE34SN10DPO
NPN NC	CE34SN10DNC	PNP NC	CE34SN10DPC

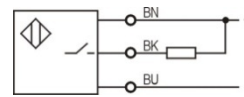
Technical specifications

Mounting	Non-flush	Consumption current	≤15mA
Rated distance [Sn]	10 mm(adjustable)	Circuit protection	Reverse polarity protection
Assured distance [Sa]	0...8mm	Output indicator	Yellow LED
Dimensions	20*50*10mm	Ambient temperature	-10°C...55°C
Output	NO/NC(depends on part number)	Ambient humidity	35-95%RH
Supply voltage	10...30 VDC	Switching frequency [F]	30 Hz
Standard target	Fe34*34*1t	Voltage withstand	1000V/AC 50/60Hz 60S
Switch-point drifts [%/Sr]	≤±20%	Insulation resistance	≥50MΩ (500VDC)
Hysteresis range [%/Sr]	3...20%	Vibration resistance	10...50Hz (1.5mm)
Repeat accuracy [R]	≤3%	Degree of protection	IP67
Load current	≤200mA	Housing material	PBT
Residual voltage	≤2.5V	Connection type	2m PVC cable

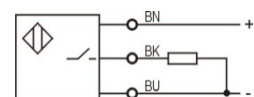
Dimensions



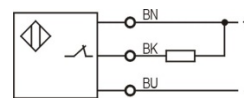
Wiring diagram



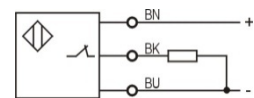
NPN NO



PNP NO



NPN NC



PNP NC