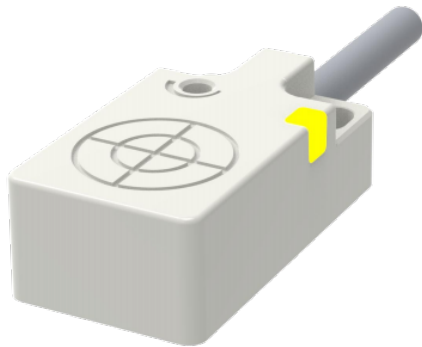


Capacitive sensor CE17 series



Features

- Capable of detection of both metal and non-metal objects, wider range of applications;
- Response frequency up to 100Hz;
- Realization of rapid and precise adjustment through a multi-turn potentiometer.



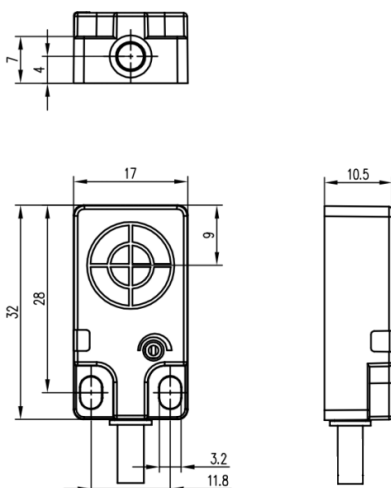
Part number

NPN NO	CE17SN06DNOY	PNP NO	CE17SN06DPOY
NPN NC	CE17SN06DNCY	PNP NC	CE17SN06DPCY

Specifications

Mounting	Non-flush	Residual voltage	$\leq 2V$
Rated distance	6mm	Load current	$\leq 150mA$
Adjustment distance	3...6mm	Current consumption	$\leq 10mA$
Adjustment method	Multi-turn potentiometer	Circuit protection	Short-circuit, overload and reverse polarity
Dimensions	32*17*10.5mm	Output indicator	Yellow LED
Output	NPN/PNP NO/NC	Ambiant temperature	-10 ...55
Supply voltage	10...30 VDC	Switching frequency	100Hz
Standard target	Fe 25*25*1t (Grounded)	Vibration resistance	10...50Hz (1.5mm)
Switch-point drifts	$\leq \pm 10\%$	Protection level	IP54
Hysteresis range	3...20%	Housing material	ABS
Repeat accuracy	$\leq 5\%$	Connection	2m PVC cable

Dimensions



Wiring diagram

