Ultrasonic sensor **US40** series



Feature Description

- Rotatable detection in different directions
- Compact and easy to install
- 1 NPN or PNP switch output
- Analog voltage output 0-5/10V or analog current output 4-20mA
- Digital TTL output
- Setting detection distance through teach-in lines
- Temperature compensation

CE UKCA

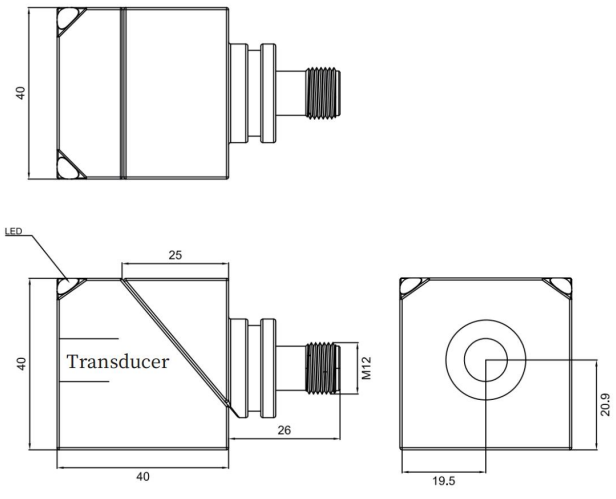
Model specifications

NPN	NO/NC	US40-CC50DNB-E2	PNP	NO/NC	US40-CC50DPB-E2
NPN	Hysteresis mode	US40-CC50DNH-E2	PNP	Hysteresis mode	US40-CC50DPH-E2
0-5V	Analog output	US40-CC50DU5-E2	4-20mA	Analog output	US40-CC50DI-E2
0-10V	Analog output	US40-CC50DU10-E2	Com	TTL232	US40-CC50DT-E2

Specifications

Sensing range	40-500mm	Output indication	Successful learning: yellow light flashing;
Blind area	0-40mm		Learning failure: green light and yellow light flashing
Resolution ratio	0.17mm		In A1-A2 range, the yellow light is on, the green light is
Repeat accuracy	±0.15% of full scale value		constantly on, and the yellow light is flashing
Absolute accuracy	±1% (temperature drift compensation)	Input type	With teach-in function
Response time	50ms	Ambient temperature	-25℃…70℃(248-343K)
Switch hysteresis	2mm	Storage temperature	-40℃…85℃(233-358K)
Switching frequency	20Hz	Output characteristics	Support serial port upgrade and change the output type
Power on delay	＜500ms	Material	Copper nickel plating, glass bead filled epoxy resin
Working voltage	20...30VDC	Protection degree	IP67
No-load current	≤25mA	Connection	4 pin M12 connector

Dimension



Wiring diagram

