Ultrasonic sensor **UR30** Synchronous series



Feature Description

- M30 installation threaded sleeve
- Synchronization function
- 1 NPN or PNP switch output
- Analog voltage output 0-5/10V or analog current output 4-20mA
- Digital TTL output
- Output can be changed through serial port upgrade
- Setting detection distance through teach-in lines
- Temperature compensation

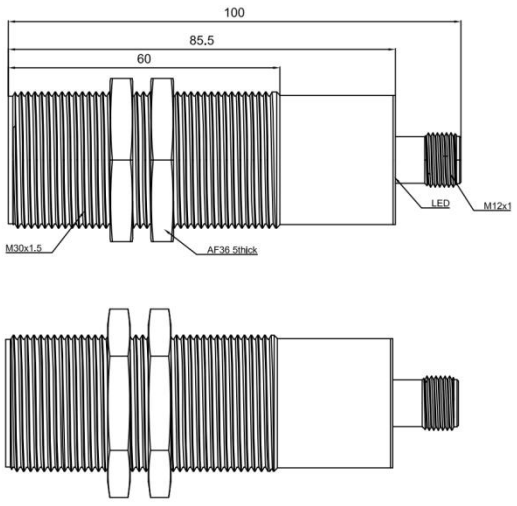
Model specifications

NPN	NO/NC	UR30-CC50DNBS-E5	UR30-CM2DNBS-E5	PNP	NO/NC	UR30-CC50DPBS-E5	UR30-CM2DPBS-E5
NPN	Hysteresis mode	UR30-CC50DNHS-E5	UR30-CM2DNHS-E5	PNP	Hysteresis mode	UR30-CC50DPHS-E5	UR30-CM2DPHS-E5
0-5V	Analog output	UR30-CC50DU5S-E5	UR30-CM2DU5S-E5	4-20mA	Analog output	UR30-CC50DIS-E5	UR30-CM2DIS-E5
0-10V	Analog output	UR30-CC50DU10S-E5	UR30-CM2DU10S-E5	Com	TTL232	UR30-CC50DTS-E5	UR30-CM2DTS-E5

Specifications

Sensing range	50-500mm	120-2000mm	Standard test board	100×100mm
Blind area	0-50mm	0-120mm	Angle	±4°
Resolution ratio	0.5mm		Output indication	Red LED: working state:error;teach-in state:no target detected
Repeat accuracy	±0.15% of full scale value			Yellow LED:always on:switch output; flashing: teach-in state
Absolute accuracy	±1% (temperature drift compensation)			Green LED: always on:power on; flashing:target detected
Response time	50ms*N	100ms*N	Input type	With teach-in function
	(synchronous number N≤5)		Ambient temperature	-25℃...70℃(248-343K)
Switch hysteresis	2mm		Storage temperature	-40℃...85℃(233-358K)
Switching frequency	175KHz		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	9...30VDC		Protection degree	IP67
Rated working current	200mA		Connection	5 pin M12 connector

Dimension



Wiring diagram

