Ultrasonic sensor **UR30-CM6** series



Features

- M30 installation threaded sleeve
- Extended long distance detection
- Setting detection distance through teach-in lines
- Temperature compensation

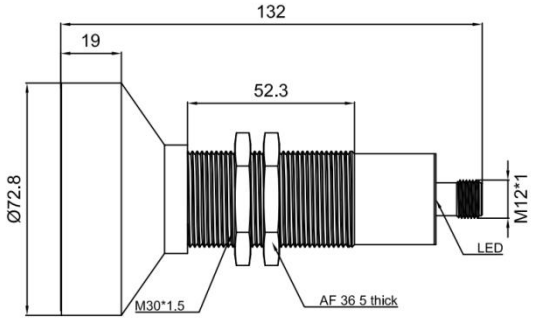
Part number

0-5V Analog output	UR30-CM6DU5-E2
0-10V Analog output	UR30-CM6DU10-E2
4-20mA Analog output	UR30-CM6DI-E2

Technical specifications

Sensing range	350-6000mm	No-load current	≤25mA
Blind area	0-350mm	Angle	±10°
Resolution ratio	4mm	Circuit protection	Reverse protection, instantaneous over voltage
Repeat accuracy	±0.15% full scale		protection, short circuit protection, overload protection
Temperature drift	≤2% full scale (Built-in temperature	Output indication	Red LED: No target detected in teach-in state, always on
	drift compensation)		Yellow LED: In normal working mode, the switch status
Linearity	< 1%		Blue LED: Target detected in teach-in state, flashing
Response time	300ms		Green LED: Power indicator light, always on
Standard target	300×300mm	Ambient temperature	-25℃...70℃ (253-343K)
Oscillator frequency	About 65KHz	Storage temperature	-40℃…85℃ (233-358K)
Rated operational current	≤200mA	Material	Nickel plated copper, glass beads mixed with epoxy resin
Supply voltage	0-5V: 10...30VDC; 0-10V: 15...30VDC;	Protection degree	IP67
	4-20mA: 12...30VDC	Connection	M12 4-pin connection

Dimensions



Wiring diagram

