

Ultrasonic sensor UR30-CM6 series



Features

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

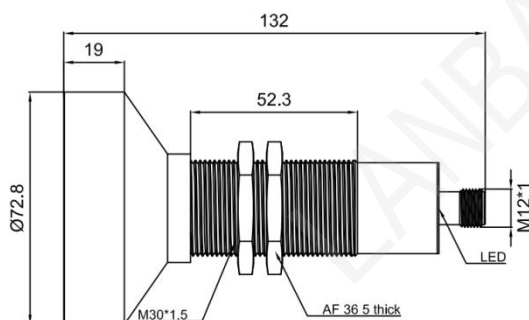
Part number

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

Dimensions



Wiring diagram

