

Ultrasonic sensor **UR30-CM6** series


Features

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

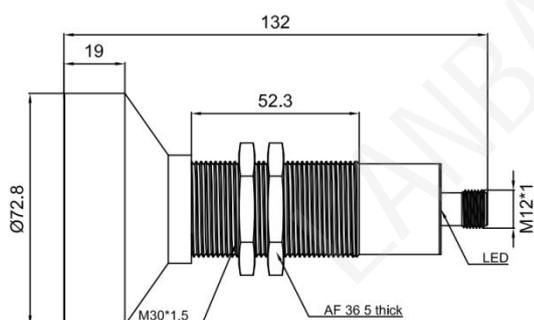
Part number

TTL UR30-CM6DT-E2

Technical specifications

Sensing range	350-6000mm	Angle	±10°
Blind area	0-350mm	Circuit protection	Reverse protection, instantaneous over voltage protection, short circuit protection, overload protection
Resolution ratio	4mm	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
Repeat accuracy	±0.15% full scale	Ambient temperature	-25°C...70°C (253-343K)
Temperature drift	≤2% full scale (Built-in temperature drift compensation)	Storage temperature	-40°C...85°C (233-358K)
Linearity	< 1%	Material	Nickel plated copper, glass beads mixed with epoxy resin
Response time	300ms	Protection degree	IP67
Standard target	300×300mm	Connection	M12 4-pin connection
Oscillator frequency	About 65KHz		
Rated operational current	≤200mA		
Supply voltage	5...30VDC		
No-load current	≤25mA		

Dimensions



Wiring diagram

