Ultrasonic sensor **UR30-CM6** series



Features

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

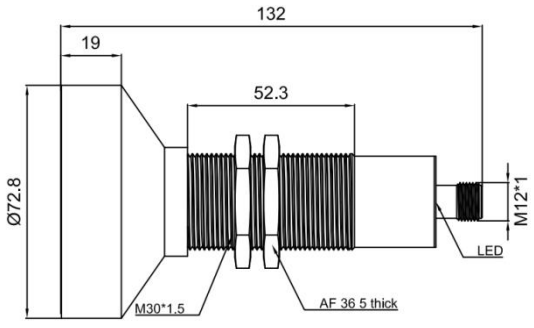
Part number

NPN NO/NC	UR30-CM6DNB-E2	PNP NO/NC	UR30-CM6DPB-E2

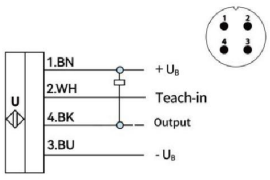
Technical specifications

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

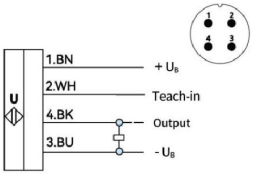
Dimensions



Wiring diagram



NPN Output



PNP Output