Ultrasonic sensor **UR30-CM6** series



Features

- M30 installation threaded sleeve
- 1-way NPN or PNP output
- Support RS485 communication
- Setting detection distance by teach-in wire
- The maximum detection distance is up to 6 meters
- Temperature compensation

CE UKCA

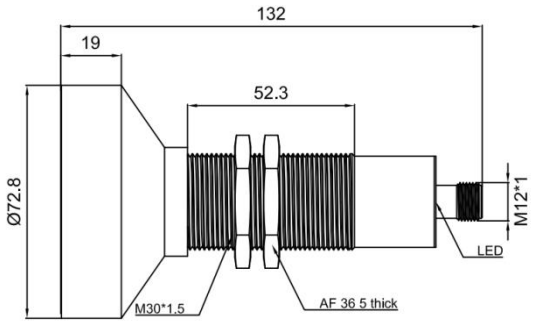
Part number

NPN+RS485	UR30-CM6DNR4B-E5	PNP+RS485	UR30-CM6DPR4B-E5

Technical specifications

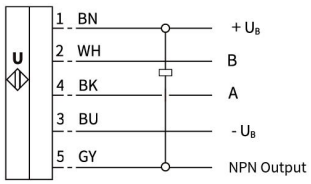
Sensing range	350-6000mm	Circuit protection	Reverse protection, instantaneous over voltage
Blind area	0-350mm		protection, short circuit protection,
Resolution ratio	4mm		overload protection
Repeat accuracy	±0.15% full scale	Output indication	Green LED always on: power on
Temperature drift	≤2% full scale (Built-in temperature		Yellow LED always on: target detected
	drift compensation)		Red LED: Error
Linearity	< 1%		Blue LED: RS485 command received
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
Rated operational current	≤200mA		epoxy resin
Supply voltage	10...30VDC	Protection degree	IP67
No-load current	≤25mA	Connection	M12 5-pin connection
Angle	±10°		

Dimensions



Wiring diagram

NPN+RS485



PNP+RS485

