Ultrasonic sensor **UR18-CM1** series



Feature Description

- M18 threaded sleeve for easy installation
- 1 NPN or PNP switch output
- Support RS 485
- Temperature compensation

CE UKCA

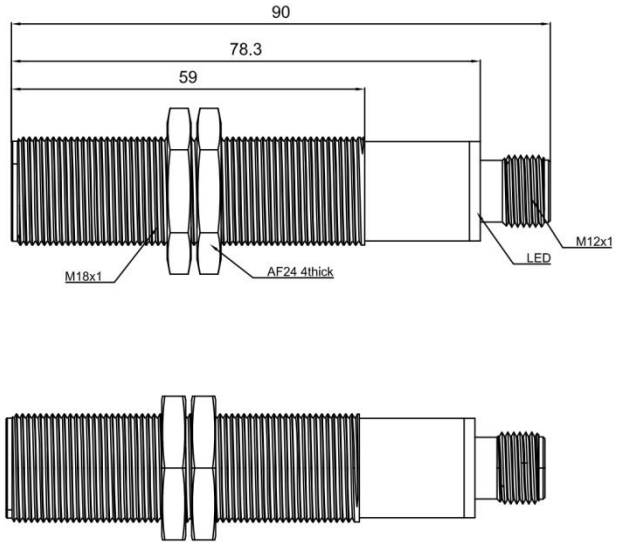
Model specifications

NPN+RS 485	UR18-CM1DNR4B-E5	PNP+RS 485	UR18-CM1DPR4B-E5

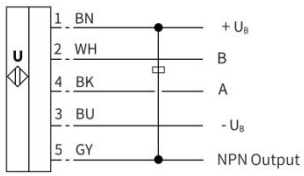
Specifications

Sensing range	60-1000mm	No-load current	≤25mA
Blind area	0-60mm	Output indication	LED red light: working status: erros
Resolution ratio	0.5mm		LED blut light: RS 485 command received
Repeat accuracy	±0.15% full scale value		LED yellow light: light on: target detected
Temperature drift	≤2% full scale(temperature drift compensation)		LED green light: light on: power on
Linearity	＜1%	Ambient temperature	-25℃...70℃(253-343K)
Response time	100ms	Storage temperature	-40℃...85℃(233-358K)
Standard test board	100×100mm	Material	Copper nickel plating, glass bead filled epoxy resin
Rated working current	≤200mA	Protection degree	IP67
Oscillator frequency	About 200KHz	Connection	5 pin M12 connector
Operating voltage	10...30VDC		

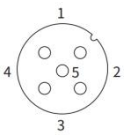
Dimension

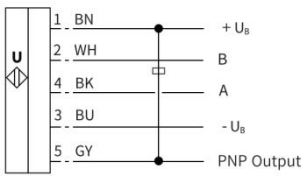


Wiring diagram



NPN Output





PNP Output