Ultrasonic sensor **UR18-CM1** double output series



Feature Description

- M18 threaded sleeve for easy installation
- 2 NPN or 2 PNP switch output
- Output can be changed through serial port upgrade
- Setting detection distance through teach-in lines
- Temperature compensation

CE UK CA

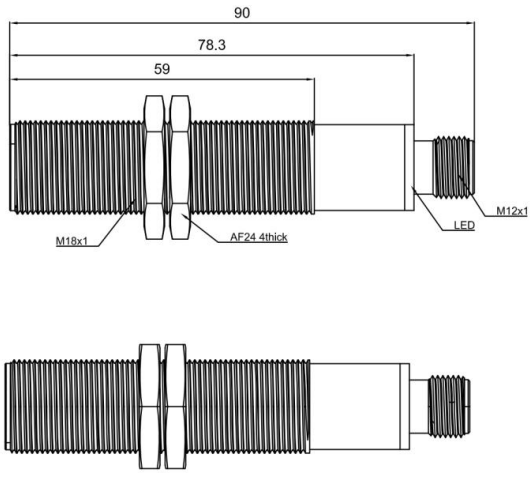
Model specifications

2 NPN	NO/NC	UR18-CM1D2NB-E5	2 PNP	NO/NC	UR18-CM1D2PB-E5

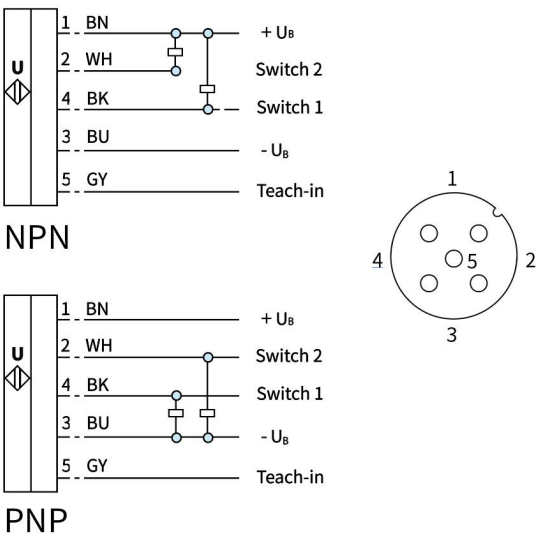
Specifications

Sensing range	60-1000mm	Rated working current	2*100mA, Short circuit protection/overload protection
Blind area	0-60mm	Output indication	Red LED: Working status: error; Teach-in state: flashing, no target detected
Resolution ratio	0.5mm		Yellow LED: Switch 1 status indicator, learn A1: flashing, no target detected
Repeat accuracy	±0.15% of full scale value		Blue LED: Switch 2 status indicator, learn A2: flashing, target detected
Absolute accuracy	±1% (temperature drift compensation)		Green LED: Power indicator light, always on
Response time	100ms		With teach-in function
Hysteresis range	1% of the switching distance	Input type	-25℃…70℃(248-343K)
Working voltage	9...30VDC	Ambient temperature	-40℃…85℃(233-358K)
No-load current	≤25mA	Storage temperature	Support serial port upgrade and change the output type
Circuit protection	Overload protection, reverse polarity protection	Output characteristics	Copper nickel plating, glass bead filled epoxy resin
Standard test board	100X100mm	Material	IP67
angle	±7°	Protection degree	5 pin M12 connector
Sensor frequency	About 200KHZ	Connection	

Dimension



Wiring diagram



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