

ADA FLOW



**Ultrasonic level
transmitter MP-C**

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Ultrasonic level transmitter MP-C

Ultrasonic level meter (measurement of liquid level/material level) is a non-contact, high reliability, cost-effective, easy-to-install and maintain liquid level/material level measuring instrument. It can meet most liquid level/level measurement requirements without contacting the measured medium. It is a new generation of ultrasonic level gauge with completely independent property rights of our company.

Features

- Simple operation
- Fault self-diagnosis technology, realize real-time fault self-diagnosis
- A variety of working conditions algorithm selection, improve environmental adaptability;
- High measurement resolution
- Fast response, the fastest response time
- Automatic temperature compensation

Applications

- Fire water tank
- Deep well water level
- River reservoir
- Engineering pool
- Sewage/waste water
- Chemical material

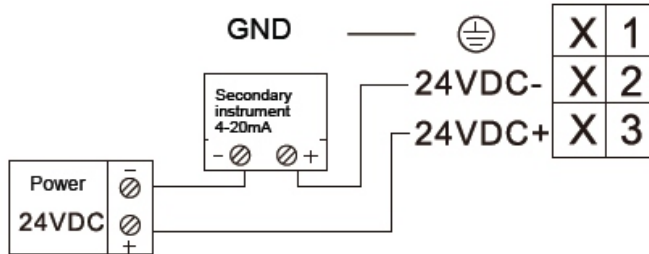
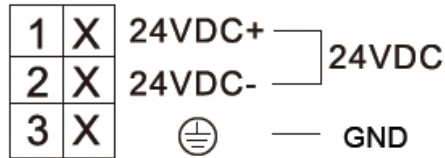
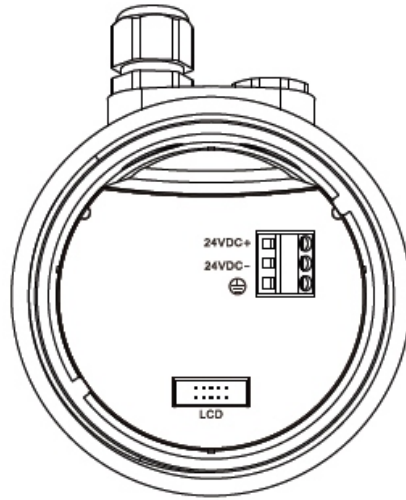
Parameters

Measure range	(0~5) m / (0~10) m / (0~15) m
Blind zone	≤0.4m (5m、10m) ≤0.6m (15m)
Accuracy	±0.5%FS ±0.3%FS
Display	Monochrome LCD with resolution of 128 * 64
Current output	(4 ~ 20) mA , the output accuracy is 0.2%FS Output load is (U-18V)/0.02A (U:supply voltage,2-wire) Output load is (U-14V)/0.02A (U:supply voltage,4-wire)
Measuring variable	Level/Distance
Power supply	18-28 VDC
Resolution	1mm or 0.1%FS (maximum)
Communication	RS485 (4-wire)
Relay output	2 groups (4-wire optional)
Working temperature	Instrument: (-20~+60)°C Probe: (-20~+80)°C
Ingress Protection	Instrument: IP65 Probe: IP68
Relative humidity	(10~85)%RH (no condensation)
Language	Chinese/English
Installation method	Threaded installation
Display method	With display (Optional without display. Refer to 1.5 for settings without display)

Touch the sensitivity...

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Wiring



Ordering code

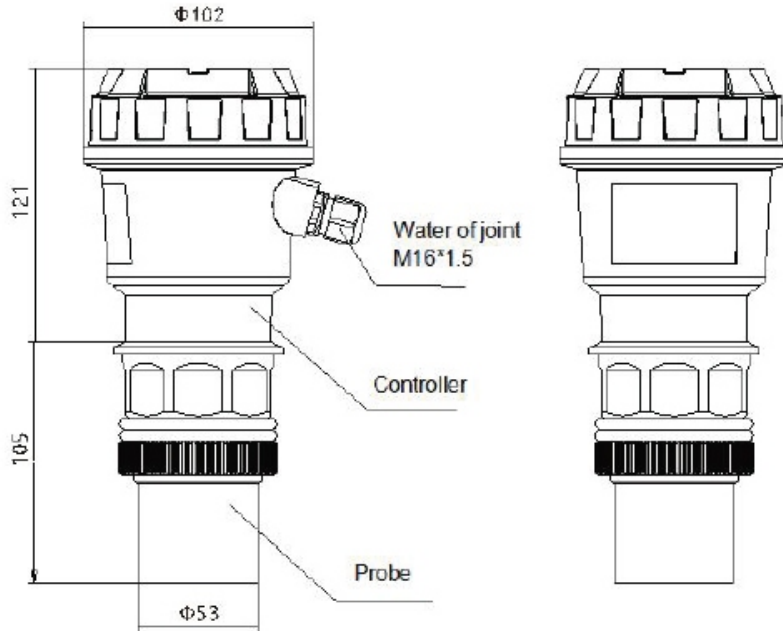
SUP-MP-C-RT1-DT1-ST1-J5-O1-D0-A2-V1							Description
SUP-MP-C	-	-	-	-	-	-	
Measurement range	RT1						5m
	RT2						10m
	RT3						15m
Display type		DT1					With display
Sensor type			ST1				Standard
			ST2				Anti-corrosion
Accuracy				J5			0.5%
Output					O1		2-wire (4~20) mA
					O8		4-wire (4~20) mA
Communication						D0	No
						D2	RS485
Relay output						A0	No
						A2	2 relay
Power supply							24VDC
							V1

Note: When 4-wire system is used, the default display is displayed. Single current output is 2-wire system, no RS485, no relay output

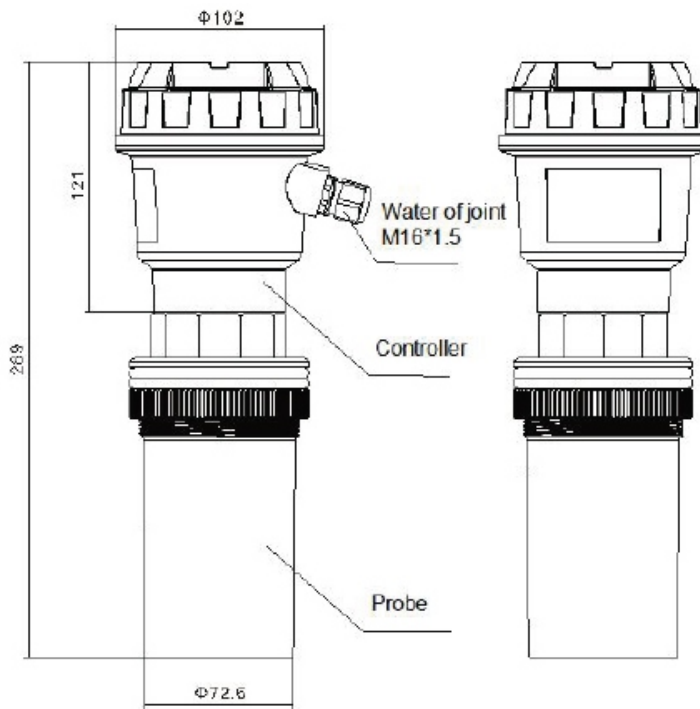
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Dimension



M60x2 or G2 Thread Sensor (5m/10m)



M78x2 Thread Sensor (15m)

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