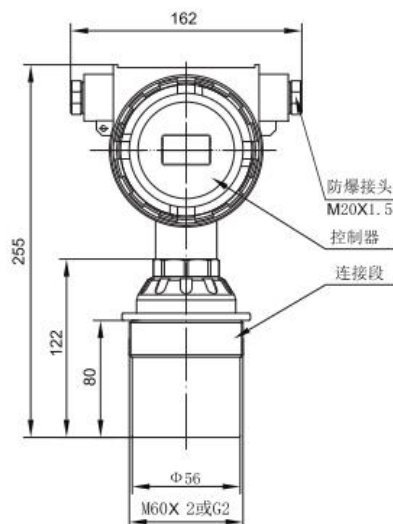
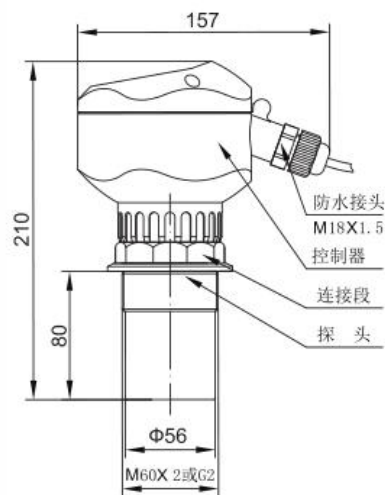


ATFS--9000 series Ultrasonic Level Meter



The integrated ultrasonic level meter is a non-contact, high reliability, cost-effective, easy to install and maintain liquid level measuring instrument. It is a low-cost measuring device for measuring liquids and slurries at industrial sites. It is widely used in water treatment, municipal, chemical, metallurgical and mechanical manufacturing industries.

Selection and installation precautions

1. Selection: range, ambient temperature, corrosiveness, power supply method, measured medium, installation location, etc.

2. Installation precautions

Probe avoids direct contact with metal

Do not put the probe inside the tube

There must be no obstacles in the probe measurement range.

The wall around the probe should be flat

The power supply should be grounded.

Avoid sharing power with high-power devices.

Technical parameters

Function	Integrated type
Range	5m、10m、15m、20m、30m、40m、50m、60m
Accuracy	0.5%-1.0%
Resolution	3mm or 0.1% (bigger)
Display	Chinese and English LED
Analog Output	Four-wire 4 ~ 20mA/510Ω load Two-wire 4 ~ 20mA/250Ω load
Relay Output	Two groups: AC 250V/ 8A or DC 30V/ 5A Status can be programmed
Power supply	24VDC 220V AC+15% 50Hz Customize:12VDC
Environment Temperature	LED : -20 ~ +60℃ , Probe : 20 ~ +80℃
Communication	Option:485,232 Communication (manufactures agreement)
Protection Grade	LED: IP65, Probe: IP68
Cable Probe	No
Probe installation	According to the range and the probe type



The split ultrasonic level meter is a non-contact, high reliability, cost-effective, easy to install and maintain liquid level measuring instrument. The sensor is separated from the display part and is more suitable for storage on tanks and bracket installation.

Installation precautions

With the probe as the center, there must be no obstacles within a certain range.

If the probe is installed in the nozzle, the probe emitting surface should be aligned with the bottom of the nozzle.

Avoid the feed and discharge ports

The cable of the sensor cannot be close to the cable of 380VAC or 220VAC

Function	Integrated type
Range	5m、10m、15m、20m、30m、40m、50m、60m
Accuracy	0.5%-1.0%
Resolution	3mm or 0.1% (bigger)
Display	Chinese and English LED
Analog Output	4 ~ 20mA/510Ω load
Relay Output	Two groups for single channel Four groups for double channels AC 250V/ 8A or DC 30V/ 5A Status can be programmed
Power supply	220V AC+15% 50Hz 24VDC or 120mA Customize:12VDC

Environment Temperature	LED : -20 ~ +60℃ , Probe : 20 ~ +80℃
Communication	Option:485,232 Communication (manufactures agreement)
Protection Grade	LED: IP65, Probe: IP68
Cable Probe	Up to 100 meters without electromagnetic interference. Standard:10m
Probe installation	According to the range and the probe type