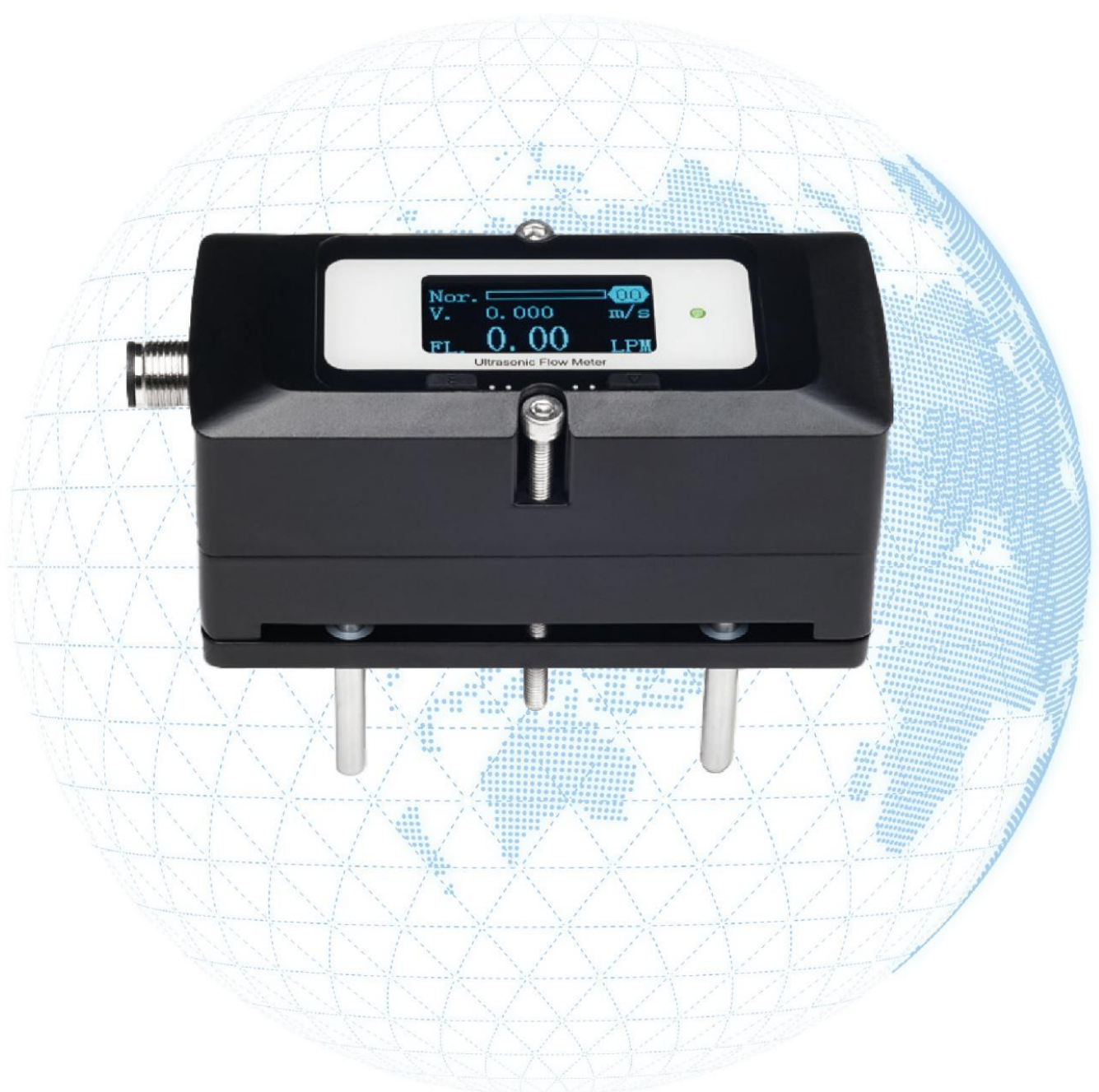


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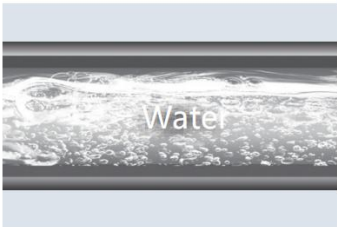

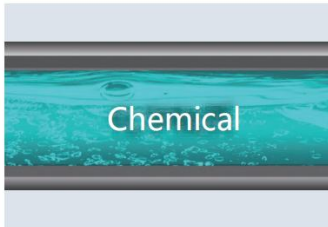


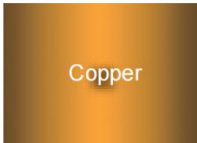

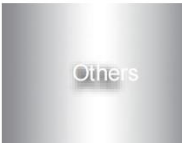

Product profile

The external clip integrated small diameter ultrasonic flowmeter adopts the integrated design, with the characteristics of small size, easy installation and operation, suitable for all kinds of small diameter pipeline liquid flow process monitoring.

- The measuring medium requires no electrical conductivity
- The installation process does not need to break the pipe, no need to stop production. No moving parts without pressure loss
- The installation personnel do not need professional training, and can complete the installation according to the installation video or the installation steps diagram
- PP glass fiber shell, there is no need to worry about the acid-base environment



All kinds of liquids and compatible with various pipeline materials and sizes: (common examples, if not listed, contact the factory for confirmation)

| | | | | | |
|---|--|---|---|--|---|
| <div>1</div> <div>Applicable Fluids</div> |  <div>Water</div> |  <div>Oil</div> |  <div>Chemical</div> | | |
| <div>2</div> <div>Pipe Material</div> | <div>Metal pipe: SS、Iron、Copper</div> | | <div>Plastic pipe: PVC、Others</div> | | |
| |  <div>Stainless Steel</div> |  <div>Iron</div> |  <div>Copper</div> |  <div>PVC</div> |  <div>Others</div> |
| <div>3</div> <div>Pipe Diameter</div> | <div>DN10-D40 (DN8 for customization)</div> | | | |  |

There are a number of help for a variety of traffic applications::



1
Display

Monitor the fluid directly on the device.



2
Alarm

Signal transmission to PLC, indicator light, etc



3
Record

Track operations to improve efficiency.

Product Parameter:

| | | | |
|--------------------------------|---|--------------|--------------|
| Shell material | PP glass fiber mix | | |
| mounting screw | Stainless steel | | |
| levels of protection | IP54 | | |
| vibration resistance | 10 55 Hz, double amplitude 1.5mm, 2 hours each of the XYZ axis | | |
| shock resistance | 100 m/s ² , 16ms pulses, 1000 times for each of the XYZ axis | | |
| specifications of the products | DN10、DN15、DN20、DN25、DN32、DN40 | | |
| Flow range | DN10 | DN15 | DN20 |
| | 2 - 30 LPM | 5 - 60 LPM | 10 - 100 LPM |
| | DN25 | DN32 | DN40 |
| | 10 - 150 LPM | 20 - 260 LPM | 20 - 400 LPM |
| Pipeline material | Stainless steel, carbon steel, copper, PVC, PP, and PVDF are dense pipes | | |
| Measurement medium | Water, alcohol, gasoline, chemical solvents and other fixed composition (no solid particles and impurities) | | |
| medium temperature | Standard sensor-10℃ -65℃ (not frozen) / medium temperature sensor-10℃ -105℃ | | |
| certainty of measurement | < 3% FS. | | |
| response time | 0.5s – 3s | | |
| supply electricity | 20-28VDC | | |
| consumption | 1W | | |
| Power supply | M12-Type A-5 core, 1 core | | |
| output | 4-20mA | | |
| communication | RS485 Modbus | | |
| display screen | 1.5"Oled (black and blue) | | |
| press key | Touch-type mechanical keys, 2 | | |
| operating ambient temperature | -10℃ -60℃ (not frozen) | | |
| storage temperature | -10℃ - 60℃ | | |

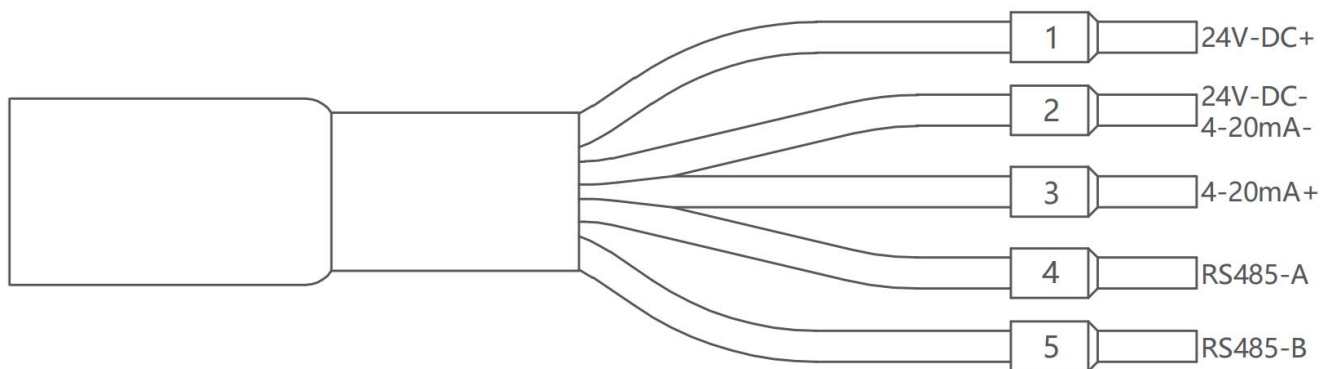
Interface

Interface type: M12-Type A-5 core

Interface definition:

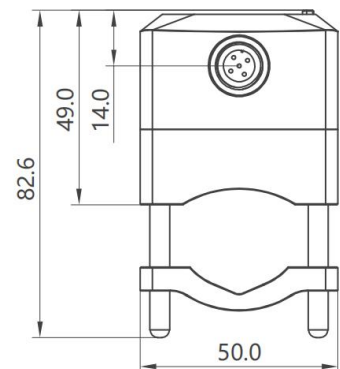
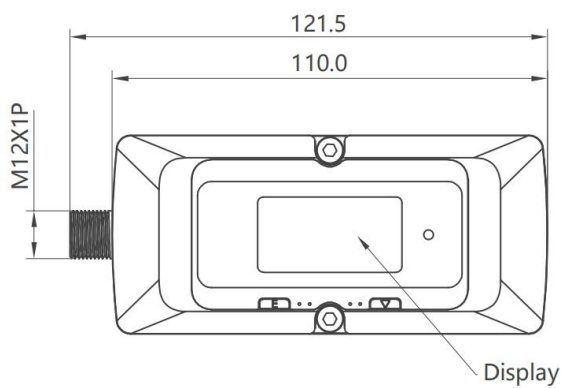
| Color | Definition | Remarks |
|----------|-----------------|---|
| 1.BROWN | 24V DC 300mA | Power Supply Input + |
| 2. BLACK | Flow 4-20mA OUT | Current output + |
| 3. BLUE | 0V | Power supply input- - / current output- - |
| 4. WHITE | A | RS485 |
| 5. GRAY | B | |

Interface wiring

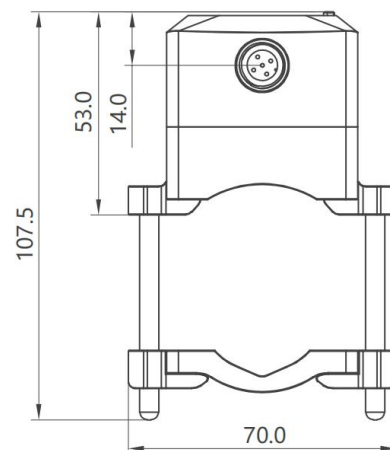
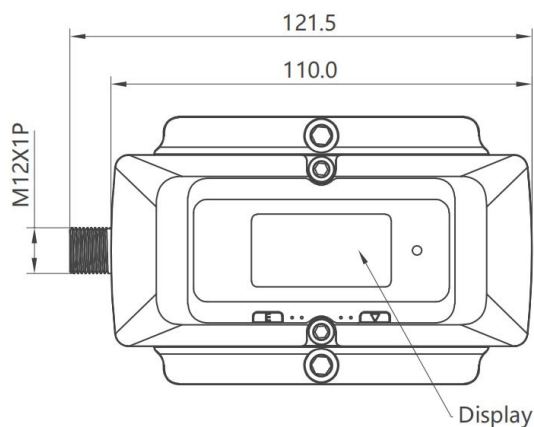


Reference dimensional drawing: (Unit: mm)

DN10-DN25



DN32-DN40

**Model Selection:**

| Model and code | |
|----------------|---|
| | Measurement diameter: DN10-DN40 |
| | Range: 0.08 m/s- -10 m/s; |
| | Accuracy: <3% FS (<1.5% FS after calibration) |
| | Measurement medium: Water / Other (single without solid particles and impurities) |
| | Power supply: 10 ~24VDC / 1A |
| | Sensor operating temperature: -10- -65°C (not frozen) |
| | Others: cable standard with 2 meters |
| | Diameter |
| 10A | DN10 external diameter 12-18mm |
| 15A | DN15 external diameter 18-23mm |
| 20A | DN20 external diameter 23-28mm |
| 25A | DN25 external diameter 28-33mm |
| 32A | DN32 external diameter 33-44mm |
| 40A | DN40 external diameter 44-52mm |
| DN8 | Please contact the factory |
| | temperature range |
| NO | -10—65°C |
| -C2U | -10-100°C |

For example: 20A

External clip ultrasonic flowmeter, applicable diameter DN20, sensor temperature range -10-65°C, 24VAC power supply, with 4-20 mA current output and RS485 (Modbus) communication, standard cable length of 2m.



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Whatsapp



Wechat



Manufacturer 1 : Zigong City, Sichuan Province, China

Manufacturer 2 : Chengdu City, Sichuan Province, China