

Metal Tube Float Flowmeter Variable Area For Water And Air

Specifications :

Price	Contact Us
Payment Terms	T/T, L/C, Western Union, etc.
Delivery Detail	10-25 working days.

Detail Introduction :

Description:

XIAOPENG metal tube float flowmeter has a simple structure, reliable operation, high accuracy, and wide application range.

Compared with a glass rotameter, it can withstand higher pressure. The TFW series flowmeters have varieties of local indication, electric remote transmission, limit switch alarm, corrosion resistance, jacket type, damping type, and explosion-proof. It is widely used in the measurement and automatic control of liquid and gas flow in national defense, chemical industry, petroleum, metallurgy, electric power, environmental protection, medicine, and light industry.

The flowmeter detection parts are all made of 304SS stainless steel. For special occasions, they can also be made of corrosion-resistant materials such as 316SS, 316L, or lining F46. The flowmeter is DN15?100 meters, and the height is 250 mm.

The connecting flange adopts the GB/T9119.8?10 standard, and it can also be customized according to the special requirements of users. The electric remote transmission type TFW series metal tube float flowmeter produced by our company abandons the contact transmission method of connecting rod transmission, and all adopt the self-developed non-contact intelligent ESK transmitter, which greatly improves the accuracy and reliability of the instrument.

Specifications:

1. Measuring range: water (2.5?150000) L/h;
Air (0.07?2000) m³/h (at 0.101025 MPa, 20°C).

2. Accuracy level: 1.5, 2.5 level.

3. Turndown ratio: 10:1.

4. Working pressure: DN15?50, 4.0 MPa; DN80?100, 1.6MPa.

5. Medium temperature: ?80??200? (lined with F46 flowmeter 0??80?).

6. Liquid medium viscosity: DN15?5mPa·s; DN25?100?5mPa·s.

7. Connection mode: flange connection, threaded connection, etc.;

The flange adopts GB/T9119.8?10 standard, or according to customer requirements.

8. Total length: DN15?100 250mm.

9. Measuring tube material: common type 304SS, corrosion-resistant 304SS lined with PTFE, 316L, 316, 316L lined with PTFE, etc.

If users have special requirements, special orders can be made.

Electrical performance:

1. Output signal: two-wire system (4-20) mA.

2. Linearity: 1%;

3. Power supply: DC 24 (1±)V; or AC220V; or battery

4. **Power consumption:** 25 mW.
5. **Ambient temperature:** -25 ~ 55 °C.
6. **Temperature influence:** 0.5%/10 °C.
7. **Load resistance:** DC (4~20) mA (0~600V).
8. **Wiring cable:** RVVP 3×28/0.15.
9. **Explosion-proof grade:** Ex ib IIC T5 (certificate number GYB03582U).
10. **Equipped with safety barrier model:** LB906 type.
11. **Electric remote transmitter:** ESK-1 type (two-wire system)