

Серия LZZW



LZ Series Metallic Tube Variable-area Flowmeter

LZZW Series Metal Tube Flowmeter

Description

The flowmeter operates on the float measuring principle. The measuring section consists of a metal cone in which a float can move freely up and down. The medium flows through the flowmeter from bottom to top.

The variable area flowmeters are suitable for measuring gases, vapors and liquids with specialty of solid, steady and reliable. The flowmeters are available as inlet or outlet pressure regulator. It also select install 1 or 2 limit switches.



Horizontal Connection

Vertical Connection

Horizontal Connection
with Limit Switch

Description Code

The description code consists of the following elements*:

LZZW — □ / □ / □
① ② ③

- ① F10 without valve and vertical connection
F12 with valve and horizontal connection
- ② RR1 Material 304
RL Material 316L
- ③ K1 One upper limit switch
K2 One lower limit switch
K12 Two limit switches

* Positions which are not needed are omitted
(no blank positions).

Technical data

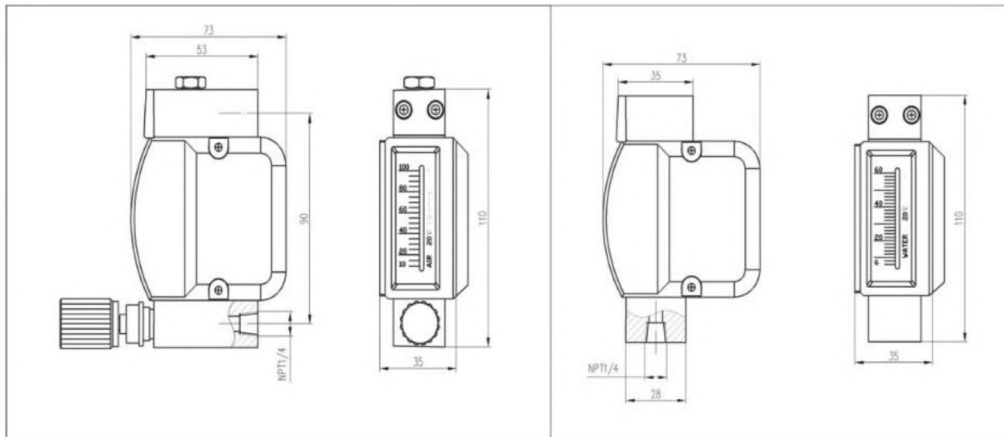
1. Measuring ranges: Water (20°C) 0.3~100 L/h
Air (20°C 101325Pa) 5~3400 L/h
2. Measuring span:10:1
3. Accuracy: 4.0
4. Maximum Pressure: 2.5 MPa
5. Medium Temperature: -80 ~+150°C
6. Ambient Temperature: -25 ~+65°C
7. Connection Type: 1/4"NPTF
8. Limit Switch:1 or 2
9. Protection category: IP67

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Flow Table

Cones	Water (20°C L/h)	Air(20°C 101325Pa L/h)	Maximum Pressure Loss (kPa)
K01	—	5~50	1.2
K02	0.3~3	10~100	1.4
K03	0.5~5	15~150	1.5
K04	1~10	40~400	1.8
K05	2.5~25	80~800	3.5
K06	4-40	125~1250	6.5
K07	6-60	200~2000	13.0
K08	8~80	250~2500	23.5
K09	10~100	340~3400	40.0

Dimensions



LZZW-F12(Horizontal Connection)

LZZW-F10(Vertical Connection)

Materials of main parts

Parts	Standard	Special
Seating	304	316L or on request
Cone and Float	304	316L or on request
Indicator Housing	Aluminum Casting	

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