

## FLOWMETER LZB



panel

diameter: 3,4,6,10

2,5 ml/min - 160 l/h liquid

0,03 l/min - 2,5 m<sup>3</sup>/h gas

### DESCRIPTION:

- case: stainless steel
- connection material: stainless steel
  - flowmeters core: silicate glass
- sealing and other hydrophilic parts: teflon
  - switching contacts of limiting values
    - regulatory knob
    - panel mounting
- option of liquid (water) and gases (air) measuring

### APPLICATION:

- power engineering
- food industry
- mechanical engineering
  - agriculture
  - automation
- petrochemical industry

### TECHNICAL PARAMETERS:

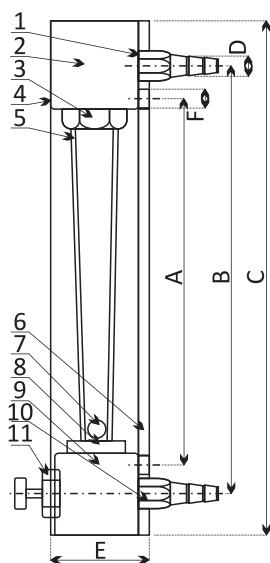
- diameter: DN 3, 4, 6, 10 mm
- measuring range: 2,5-25, 6-60, 10-100ml/min,  
1-10l/h...16-160l/h (water)  
0,03-0,3, 0,06-0,6, 0,1-1, 0,15-1,5l/min  
0,016-0,16m<sup>3</sup>/h ... 0,25-2,5m<sup>3</sup>/h (air)
  - T max: -20+200 °C
  - PN: 0,6 Mpa, 1 Mpa
    - thread: 2x M6
- accuracy class: 2,5%, 4%, 6%

### SPECIFICATION:

LZB glass flowmeters in panel design are used for instantaneous flow measurements of aggressive liquids and gases. The core of this flowmeter is made of silicate glass, case of stainless steel. Other hydrophilic parts of the flowmeter are made of teflon. Such construction ensures corrosion resistance of this series. Flowmeters are suitable for measurements of various types of acids and alclis, oxidants and other corrosive substances, such as chemicals, kerosene, fertilizers, etc. Panel flowmeters are equipped with reduction/throttle valve for required flow setting. Flowmeters may further be equipped with switching contacts of limiting values.

Type	Diamet. (mm)	l/hour liquid (H <sub>2</sub> O)	m <sup>3</sup> /hour (gas)	Accuracy class	Working pressure
LZB-3	Ø3	2,5-25 ml/min	0,03-0,3l/min	4, 6	<0,6
		6-60 ml/min	0,06-0,6l/min		
		10-100 ml/min	0,1-1l/min		
			0,15-1,5l/min		
LZB-4	Ø4	1-10	0,016-0,16	2,5, 4	<1
		1,6-16	0,025-0,25		
		2,5-25	0,04-0,4		
			-		
LZB-6	Ø6	2,5-25	0,04-0,4	2,5	<1
		4-40	0,06-0,6		
		6-60	0,1-1		
			-		
LZB-10	Ø10	6-60	0,1-1	2,5	<1
		10-100	0,16-1,6		
		16-160	0,25-2,5		
			-		

• flowmeters structure LZB-3...10



- 1 Output
- 2 Cases upper base
- 3 Scale
- 4 Case
- 5 Body
- 6 Mounting plate
- 7 Float
- 8 L- base
- 10 Input
- 11 Needle valve

Dimensions in mm						
Type	A	B	C	D	E	F
LZB-3	-	116	136	8	26 x 25	-
LZB-4	178	204	234	9	39,5 x 34	2-M6
LZB-6	178	204	234	9	39,5 x 34	2-M6
LZB-10	178	208	238	12	39,5 x 34	2-M6