

Flow Indicator with Rotor Model FR



- ◆ Indication Range:
0.4-4...8-100 L/min water
- ◆ Pressure: max. 16 bar
- ◆ Temperature: max. 100°C
- ◆ Material:
Brass or Stainless steel
- ◆ Connection: G ¼... G 1½

**Cost Effective
Measurement Technology**

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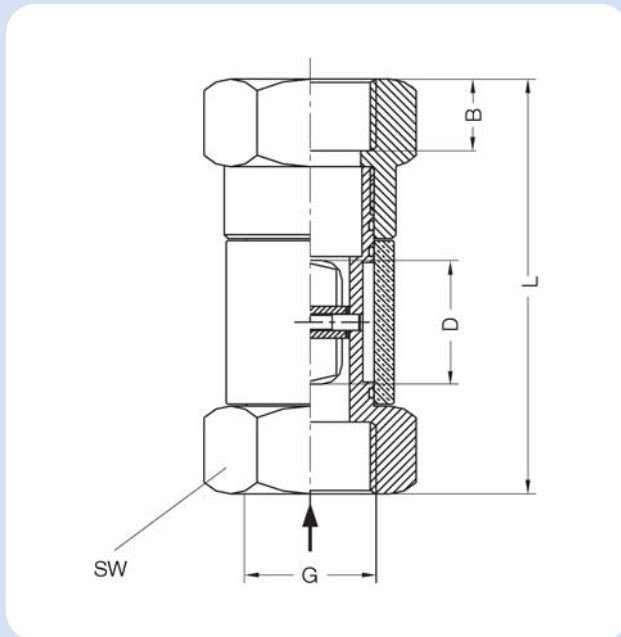
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Description

INTERIN flow indicators of model FR are used to show liquid flow. A vane is set in motion by passing liquid. This vane is visible from all the sides, thanks to the encompassing sight-glass. Thus, it is possible to see the presence of flow, even from large distances.

Dimensions



Model	G	B (mm)	L (mm)	SW (mm)	D (mm)
FR-1x08	1/4	12	71	36	23
FR-1x10	3/8	12	71	36	23
FR-1x15	1/2	14	86	46	29,5
FR-1x20	3/4	16	94	46	29,5
FR-1x25	1	18	104	46	29,5
FR-1x32	1 1/4	20	120	65	37,6
FR-1x40	1 1/2	22	130	65	37,6

Order Details (Example: FR-1108)

Indication range L/min water	Connection	Brass Version	Stainless steel Version
		Order No.	Order No.
0,4 - 4	G 1/4	FR-1108	FR-1208
0,6 - 8	G 3/8	FR-1110	FR-1210
1 - 12	G 1/2	FR-1115	FR-1215
1 - 25	G 3/4	FR-1120	FR-1220
1,6 - 40	G 1	FR-1125	FR-1225
8 - 80	G 1 1/4	FR-1132	FR-1232
8 - 100	G 1 1/2	FR-1140	FR-1240

Technical Details

Housing:	FR-11...: Brass, Ms 58, nickel-plated FR-12...: Stainless steel, 1.4305
Inlet:	FR-11...: Brass, Ms 58, nickel-plated FR-12...: Stainless steel, 1.4305
Support bars:	FR-11...: Brass, Ms 58, nickel-plated FR-12...: Stainless steel, 1.4305
Sight glass:	Duran
Sealing:	FR-11...: NBR FR-12...: FPM
Orifice:	FR-11...: Brass, Ms 58, nickel-plated FR-12...: Stainless steel, 1.4301
Rotor:	FR-11...: POM (red) FR-12...: PTFE
Max. temperature:	100 °C
Max. pressure:	16 bar
Mounting position:	arbitrary, Flow in arrow-direction
Pressure loss:	approx. 0.25 bar at 2 m/s water

Applications

- ◆ Heating systems
- ◆ Cooling circuits
- ◆ Pumps
- ◆ Conveyer systems