

Float which moves freely without friction in the measuring tube, changes location by being pushed by fluid. This changing flow rate depends on weight of float and density and viscosity of fluid. Pressure decrease remains area by raising flow rates so as to depend on increasing flow area by raising flow rate and speed of fluid.

It should be assembled vertically.



## EF FLOWMETER

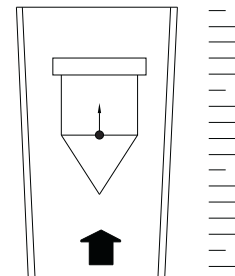
**EF 700**

### Advantages :

- \* Easy monitoring
- \* Contact can be mounted

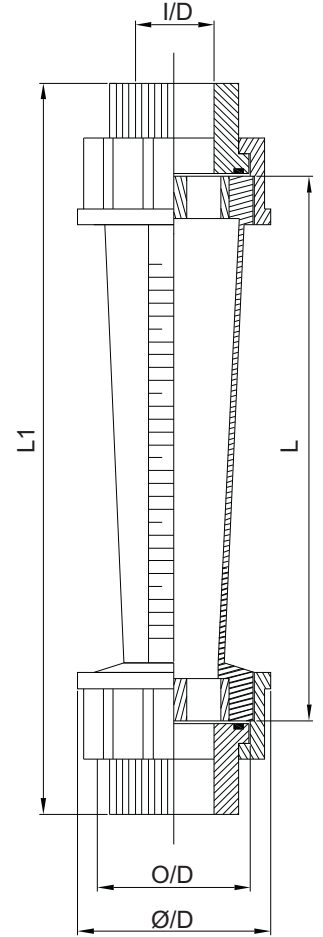
### Technical Specification :

|                          |                     |
|--------------------------|---------------------|
| Fluid                    | Water or Air        |
| Max. working pressure    | 10 bar              |
| Max. working temperature | 70 C                |
| Measuring tube           | Trogamid            |
| Float material           | PVDF                |
| Guide                    | 316 Stainless Steel |
| O-Ring                   | Viton               |
| Connections              | Thread              |
| Accuracy                 | +/- %3 f.s.         |



### Dimensions :

| I / D |        | O / D  | D     | L     | L1  | Weight  |
|-------|--------|--------|-------|-------|-----|---------|
| mm    | inch   | mm     | mm    | mm    | mm  |         |
| 15    | 1/2"   | 20 mm  | Ø 45  | 156   | 201 | 165 g.  |
| 25    | 3/4"   | 32 mm  | Ø 61  | 171.5 | 226 | 325 g.  |
| 32    | 1"     | 40 mm  | Ø 74  | 225   | 288 | 520 g.  |
| 25    | 2"     | 32 mm  | Ø 69  | 322   | 380 | 568 g.  |
| 50    | 1 1/2" | 85 mm  | Ø 98  | 342   | 435 | 1650 g. |
| 65    | 2"     | 104 mm | Ø 122 | 325   | 430 | 2850 g. |



| MODEL NO  | Measuring Tube Length mm | Fluid | Connection | Measuring Range              |
|-----------|--------------------------|-------|------------|------------------------------|
| EF 702-1  | 201                      | Su    | 1/2" BSP   | 10....100 l / h              |
| EF 702-2  | 201                      | Su    | 1/2" BSP   | 16....160 l / h              |
| EF 702-3  | 201                      | Su    | 1/2" BSP   | 25....250 l / h              |
| EF 702-4  | 201                      | Su    | 1/2" BSP   | 40....400 l / h              |
| EF 702-5  | 201                      | Su    | 1/2" BSP   | 60....600 l / h              |
| EF 702-6  | 226                      | Su    | 3/4" BSP   | 100....1000 l / h            |
| EF 702-7  | 226                      | Su    | 3/4" BSP   | 160....1600 l / h            |
| EF 702-8  | 226                      | Su    | 3/4" BSP   | 250....2500 l / h            |
| EF 702-9  | 288                      | Su    | 1" BSP     | 400....4000 l / h            |
| EF 702-10 | 288                      | Su    | 1" BSP     | 600....6000 l / h            |
| EF 701-1  | 380                      | Su    | 3/4" BSP   | 60....600 l / h              |
| EF 701-2  | 380                      | Su    | 3/4" BSP   | 100....1000 l / h            |
| EF 701-3  | 380                      | Su    | 3/4" BSP   | 160....1600 l / h            |
| EF 701-4  | 380                      | Su    | 3/4" BSP   | 250....2500 l / h            |
| EF 701-5  | 380                      | Su    | 3/4" BSP   | 300....3000 l / h            |
| EF 701-6  | 435                      | Su    | 1 1/2" BSP | 0.4....4 m <sup>3</sup> / h  |
| EF 701-7  | 435                      | Su    | 1 1/2" BSP | 0.6....6 m <sup>3</sup> / h  |
| EF 701-8  | 435                      | Su    | 1 1/2" BSP | 1....10 m <sup>3</sup> / h   |
| EF 701-9  | 435                      | Su    | 1 1/2" BSP | 1.6....16 m <sup>3</sup> / h |
| EF 702-9  | 430                      | Su    | 2" BSP     | 5....25 m <sup>3</sup> / h   |
| EF 702-10 | 430                      | Su    | 2" BSP     | 8....40 m <sup>3</sup> / h   |
| EF 702-11 | 430                      | Su    | 2" BSP     | 12....60 m <sup>3</sup> / h  |

Calibration Temperature : 20°C for water