



## Variable Area Flowmeters



measuring  
•  
monitoring  
•  
analysing

### URB



- Measuring range:  
Water: 10-100 l/h... 100-1000 l/h
- Accuracy class: Category 4
- $p_{\max}$ : 3 bar;  $t_{\max}$ : 65 °C
- Connection: G 1/2, G 3/4, G 1, G 1 1/4
- Material: PVC

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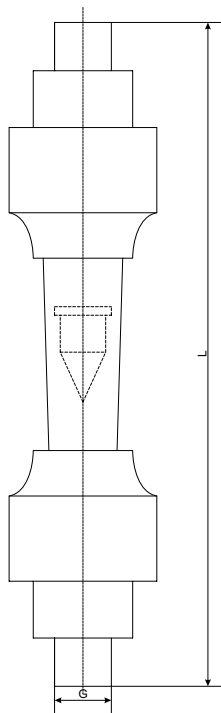
**Description**

The flow meters model URB for liquids operate on the suspended float principle; i.e. the installation position is vertical and the direction of flow is from bottom to top. The flow meter has an economical armature. The measuring tube is not covered or protected against external impact. The instruments have been designed as simple and are thus suitable for economical measuring systems.

**Technical Data**

Installation position: vertical, flow from bottom  
 Accuracy class: 4 acc. to VDI/VDE 3513  
 Max. pressure: 3 bar  
 Process temperature: 0...+65°C  
 Protective category: IP65  
 Connections: G ½, G ¾, G 1, G 1 ¼

**Dimensions**



Model	L [mm]	G
URB-10x	350	G ½
URB-12x	350	G ½
URB-14x	360	G ¾
URB-16x	360	G ¾
URB-18x	370	G 1
URB-20x	390	G 1 ¼

**Material combinations**

Model	Connection	Float	Gaskets	Measuring tube
URB-..	PVC	Stainless steel 1.4301	NBR	Borosilicate glass

**Order details** (Example: URB-10H G4)

Model	Measuring range Water [l/h]	Connection (male)	Connection (female)
URB-..	10H = 10 ... 100	G4 = G ½	I4 = G ½
	12H = 16 ... 160		
	14H = 25 ... 250	G5 = G ¾	I5 = G ¾
	16H = 40 ... 400		
	18H = 63 ... 1630	G6 = G 1	I6 = G 1
	20H = 100 ... 1000	G7 = G 1 ¼	I7 = G 1 ¼