

Rotameter Bubbler Gauge



5993 SERIES

- Provides continuous indication of liquid level
- Remote reading volume, depth or weight
- Accurate, reliable, proven technique
- Low cost installation, easy to maintain
- All pneumatic (non-electrical) operation

APPLICATIONS

- Tank level indication
- Marine
 - Tank level, draft monitoring and vessel management
 - Ballast water
 - Fuel oil
 - Fresh water
 - Lube oil
 - Brine
 - Preload
 - Holding

SPECIFICATIONS

Operation principle	Well-type manometer acts as a frictionless hydrostatic force-balance. A liquid fill is raised in direct proportion to the magnitude of pressure applied. (Varies based on type of indicating liquid employed)	
Resolution	Infinite based on type of indicating liquid employed.	
Input connection(s)	1/4" NPT tapped connection for typical tube fittings. Accepts pneumatic air/gas pressure input; high and low pressure inputs.	
Materials of construction	Formed channel indicator housing; brushed Stainless Steel (Type 304). Heavy plate glass window; acrylic plastic window available as special order.	
Wetted parts	316 Stainless Steel liquid well and tubing	
Indicating tube	High strength, fully annealed glass (Pyrex®)	
Compressed air supply	Compressed air supply that is clean dry and oil-free is required for operation of the system. Under normal operating conditions, supply pressure required is 55-60 psig.	
Scale ranges	20", 35", 43", 51", 66"	
Dimensions (inches)	Range	Overall Dim. (H x W x D)
	20	29" x 4-3/8" x 2-7/8"
	35	45" x 4-3/8" x 2-7/8"
	43	53" x 4-3/8" x 2-7/8"
	51	61" x 4-3/8" x 2-7/8"
	66	77" x 4-3/8" x 2-7/8"

* Unregulated

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ORDERING INFORMATION				
SERIES	5993S Rotameter Bubbler Gauge			
SCALES	20	Stainless Steel case, 20" scale, 1 unit	43	Stainless Steel case, 43" scale, 1 unit
	35	Stainless Steel case, 35" scale, 1 unit	51	Stainless Steel case, 51" scale, 1 unit
LIQUID*	R Red liquid			

* Red Liquid 2.94 sp. gr.; scale factor = 0.337

NOTE: Scale information must be supplied when order is placed. Package includes overflow check valve and Swagelok fitting (3/8" tube x 1/4 NPT) compatible with copper or poly tubing.

EXAMPLE

5993S - 35 R

Series 5993 Series

Scale Stainless Steel case, 35" scale, 1 unit

Liquid Red liquid

