



## 7750 SERIES

- Visually displays tank level
- Used with bubblers or pneumatic tank sensors that produce a pressure output signal, provides local or remote tank level indication
- Uses the Hydrostatic Manometer Principle to provide high accuracy
- Custom calibrated scale permits direct reading in units of volume, weight or depth.
- All pneumatic operation eliminates any need for additional intrinsic safety provisions
- Easy maintenance, proven long-term dependability

### APPLICATIONS

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

### SPECIFICATIONS

<b>Operation principle</b>	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)
<b>Resolution</b>	Infinite based on type of indicating liquid employed.
<b>Input connection(s)</b>	1/4" NPT tapped connection for typical tube fittings. Accepts pneumatic air/gas pressure input; high and low pressure inputs.
<b>Materials of construction</b>	Formed channel indicator housing; brushed Stainless Steel (Type 304). Heavy plate glass window; acrylic plastic window available as special order.
<b>Wetted parts</b>	316 Stainless Steel liquid well and tubing
<b>Indicating tube</b>	High strength, fully annealed glass (Pyrex®)
<b>KING-GAGE indicator</b>	Single display tube, available in wall mount housing only Scale Ranges: 20", 35", 43", 51", 66", 81"
<b>KING-GAGE multi-tube indicator</b>	Multiple display tubes; 2-, 4-, 6-, 8-, 10-tube configurations. Tubes are spaced on 2-5/16" centerlines. Available in either wall mount or flush panel mount housing with front bezel assembly. Scale ranges: 20", 30", 40", 50", 60", 80"
<b>Overflow check valve</b>	Included as standard with all indicator packages

\* Unregulated

\*\* ®Pyrex is a registered trademark of Corning, Inc.



ORDERING INFORMATION				
<b>SERIES</b>	7750S Pneumatic Column Indicator			
<b>SCALES</b>	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
<b>LIQUID*</b>	R Red liquid			
<b>FITTINGS</b>	1	None, 1/4" NPT	4	Swagelok 1/4" tube (compatible with Copper or Polyflo tubing)
	3	Polyflo 1/4" tube		

\* 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 (1/4" tube x 1/4 NPT) compatible with copper or poly tubing.

**EXAMPLE**

**7750S - 35 R - 1**

Series ..... 7750 Series

Scale ..... Stainless Steel case, 35" scale, 1 unit

Liquid ..... Red liquid

Fitting ..... None, 1/4" NPT

