



506

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INSTRUMENTS • VALVES • CONTROLS

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Contact: \_\_\_\_\_ Ext. \_\_\_\_\_

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Street: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_) \_\_\_\_\_

This is a:  Request for Quote  Order: PO# \_\_\_\_\_

Quantity Needed: \_\_\_\_\_ Date Required: \_\_\_\_/\_\_\_\_/\_\_\_\_

Shipping Method: \_\_\_\_\_ Partials Accepted:  Yes  No

Liquid Level Bubbler System
Application Datasheet

Process Conditions

Tank Depth: \_\_\_\_\_

Media Type: \_\_\_\_\_

Media Specific Gravity: \_\_\_\_\_

Any Moving Parts (Agitator)?  No  Yes

Describe: \_\_\_\_\_

Build Your Bubbler System

Step 1: Pick your enclosure:

- Carbon Steel  Stainless Steel  Fiberglass

Do you need a pole mount kit?  No  Yes

(Available on metal enclosures only.)

Step 2: Pick your regulator and coalescing filter:

- 0-60 PSIG air supply regulator with 0.3 micron filter
 0-60 PSIG air supply regulator with 0.01 micron filter
Higher pressure air regulator may be required for greater depths.

Step 3: Pick your HART® smart pressure transmitter:

- 0.4" to 24" WC Siemens DS-III (Accuracy ≤0.075%)
 4" to 400" WC (33') WC Siemens DS-III (Accuracy ≤0.075%)
 33' to 133' WC Siemens DS-III (Accuracy ≤0.075%)
 133' to 275' WC Siemens DS-III (Accuracy ≤0.075%)
 4" to 400" WC (33') Honeywell ST700 (Accuracy ±0.065%)
 14' to 275' WC Honeywell ST700 (Accuracy ±0.065%)
 133' to 275' WC Honeywell ST800 (Accuracy ±0.055%)

Step 4: Add a purge/blowdown function to your assembly:

- Pushbutton on Panel Door

Step 5: Pick your door-mounted indicator:

- None (Customer supplies power for transmitter)
 None, 24 VDC Power Supply for Transmitter
 6-Digit Indicator
 6-Digit Indicator, 2 Alarm Relays
 6-Digit Indicator, 4-20 mA Retransmit Output
 6-Digit Indicator, 2 Alarm Relays, 4-20 mA Retransmit Output
 6-Digit Indicator, 4 Alarm Relays, 4-20 mA Retransmit Output

Step 6: Describe your indicator conditions:

Level Range: \_\_\_\_\_

Level Units: \_\_\_\_\_

Front Panel Label (40 Characters Max): \_\_\_\_\_



Note: Customer must supply clean and dry air source plus 120 VAC power (100W) for panel heater and digital indicator.

Special Instructions/Notes

List any other requirements: