

## Continuous Level Measurement Solutions for De-Ionized Water Indication and Control

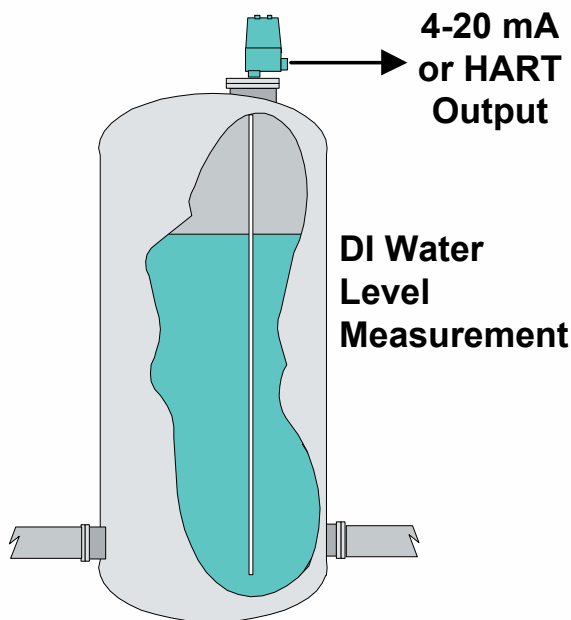
**De-Ionized Water (DI Water) Level Measurement and Control requires an understanding of the measurement parameters and level technology approach.**

### THE PROBLEM

- DI Water conductivities can range from 1 – 10 micromhos / microsiemens.
- Simple Capacitance level systems “drift” with normal variations in DI water conductivity.
- Conductance technologies are “fooled” by the extreme low conductivity of DI Water.
- Many contact technologies contaminate the DI Water by using a bare metal sensor that can add unwanted ions to the DI water.

### THE SOLUTION

- Drexelbrook RF systems will accurately, reliably and repeatedly make DI Water measurements without “drift” by the correct selection of 3A approved Teflon covered sanitary sensors and electronic module selection.
- Unaffected by variations in DI Water conductivity.
- Drexelbrook has successfully made this difficult measurement for over 40 years in the medical, pharmaceutical and biotech industries.



**3A Approved with Sanitary sensors, Tri-Clover mounting, Integral or Remote electronics.**

### Other Solutions:

- |                  |                    |                     |             |
|------------------|--------------------|---------------------|-------------|
| • DI Water       | • Interface Level  | • Basket Centrifuge | • WFI Water |
| • Batch Reactors | • Sanitary designs | • Mixing            | • Solvents  |
| • Fermentation   | • Clean-in-Place   | • Blending          | • Acids     |

### Typical Uses:

- |                            |                       |                         |
|----------------------------|-----------------------|-------------------------|
| • Continuous Level Control | • Point Level Control | • Waste Management      |
| • Inventory Management     | • Overfill Protection | • Regulatory Compliance |

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