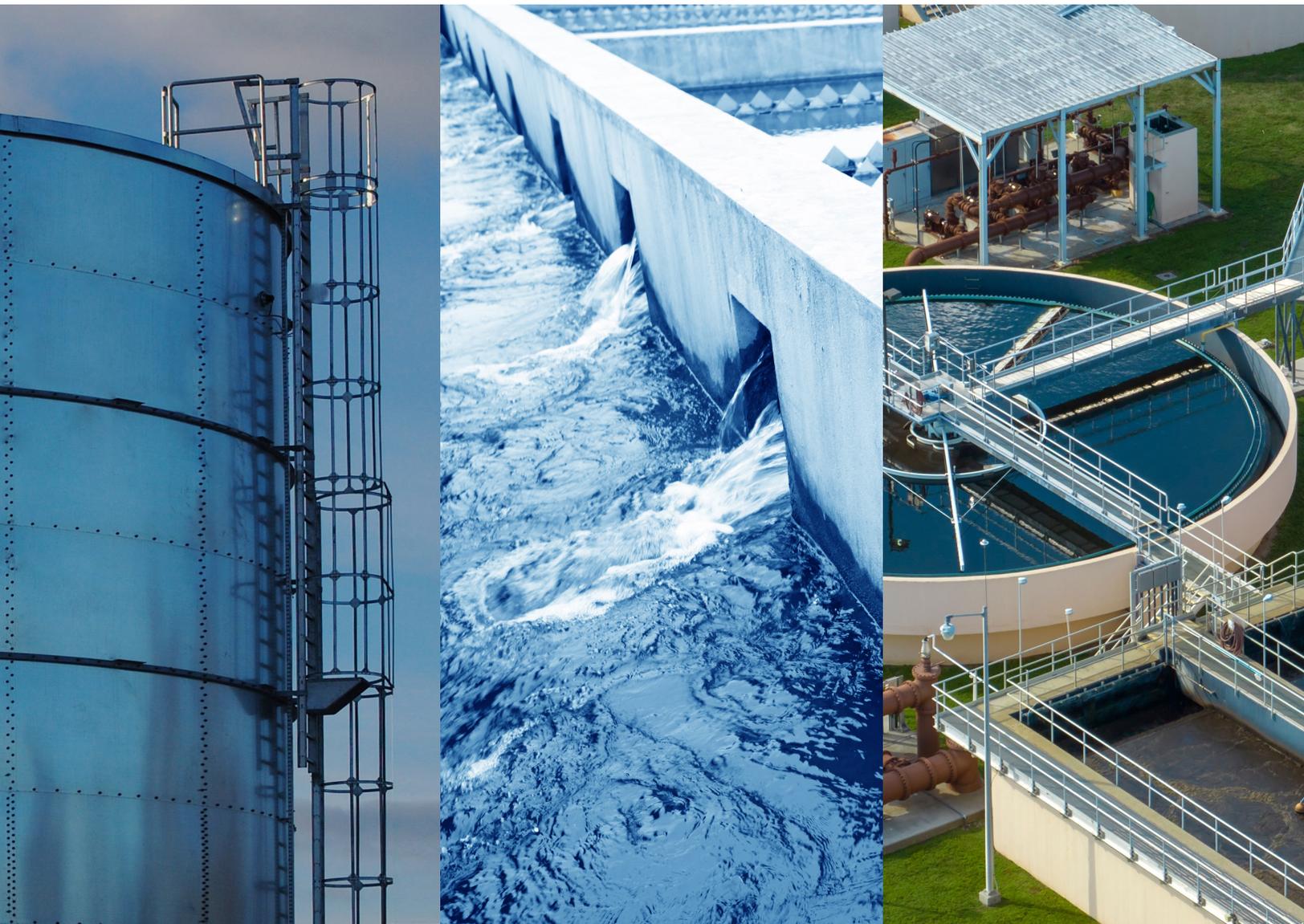


# Level Solutions

Delivering highly engineered level control and monitoring instrumentation for applications in the harshest environments



# The Challenge Today

Industries that rely on monitoring liquid levels, such as in hydraulic reservoirs or industrial storage tanks, face significant challenges due to harsh operating conditions like extreme temperatures, pressure fluctuations, and corrosive environments. These factors can compromise the accuracy and reliability of standard level measurement and instrumentation.

Additionally, maintaining precision across multiple levels within a system, especially in complex or customized applications, often proves difficult. Regular maintenance in hard-to-access areas also leads to increased downtime and operational costs. As industries demand more accurate and resilient solutions, the complexity of managing fluid levels becomes an ongoing challenge.

## Applications

- ▶ Groundwater Monitoring
- ▶ Water Treatment Skids
- ▶ Marine
- ▶ Seawater Ballast Tanks
- ▶ Hydraulic Reservoirs
- ▶ Pressure Relief Valves
- ▶ Industrial Storage Tanks

## Multi-point and Single-Point Level

Barksdale's Multi-point and Single-point Switches offer versatile solutions for precise fluid level monitoring in industrial applications.

The Multi-point Switches provide multiple sensing points for accurate detection of various liquid levels, while the Single-Point Switches focus on reliable detection of a single level. Both switches are built with robust materials and reliable technology, ensuring dependable performance and easy integration into existing systems.



UNS 1000  
Multi-Point Level Switch



UNS-VA/SB  
Bilge Guard Level Switch

## Level Indicators

Barksdale Levelsite® Bypass Level Indicators offer precise and reliable measurement of liquid levels in various industrial applications, including Energy, Chemical, Water, Steel and Marine sectors.

Engineered for durability and low maintenance, these indicators provide reliable performance and improve safety by preventing overflows and dry runs. With a user-friendly interface and sturdy design, they are an excellent choice for dependable, long-term level monitoring.



Alloy LevelSite®  
Level Indicator

## Level Transmitters

Level Tank Transmitters provide continuous level measurement for a variety of fluids by converting the fluid level into electrical signals for precision control and monitoring, preventing critical processes from running dry.

Designed to be used in both General Purpose and Hazardous Areas [ATEX EX ia], these transmitters deliver reliable performance and superior measurement accuracy in any environment. Their robust construction and accurate sensing capabilities make them ideal for safe and efficient tank level management.



USE3000  
Level Tank Transmitter



USE6200  
Level Tank Transmitter

## Electronic Dual Level Switches

Barksdale Electronic Dual Level Switches provide reliable monitoring of liquid levels in industrial environments. They detect high and low liquid levels using highly reliable float technology, these multi-function instruments can be used as a two-point level switch, a level transmitter and provide visual indication through simple programming via push-buttons.

Ideal for both low and high-density media, they are versatile enough for use in various industrial applications such as hydraulic power unit reservoirs, lubrication systems and water treatment skids. Where maintaining correct liquid levels is critical for system efficiency and safety.



BLS2000  
Electronic Level Switch



BLS3000  
Electronic Level Switch

## Submersible Pressure Transducers and Probes

Barksdale's level probes and submersible level transducers are designed for precise monitoring and control in challenging environments. These instruments provide accurate, continuous level measurements in extreme conditions, such as sewer pumping stations, seawater ballast tanks, and groundwater monitoring.

Their high resistance to corrosion and environmental stress ensures optimal functionality in both indoor and outdoor installations, supporting critical processes where accuracy and reliability are essential.



BLP1 Level Probe  
Designed for Marine  
Applications



Submersible Level  
Transducer

# Leverage our Engineering Expertise to Make Exactly What You Need

## Modify Standard Products for Your Project

Barksdale offers more than 50 product families and millions of configured options to measure, monitor and control processes essential to the industrial, oil and gas, and transportation industries. We can make basic modifications to these standard products and options to ensure they're exactly matched to your project's requirements.

Our customization capabilities include:

- Custom outputs
- Custom floats, lengths and orientation
- Extended pressure and temperature capabilities
- Process connection
- Product certification
- Design and validation for specific media compatibility
- Wetted material (float,stem)

### Build your Solution!

Save time finding the right solution for your control and monitoring application with Barksdale's robust and easy to use 3D product configurator.

Barksdale's modular product design allows for easy customization to your specifications, reducing costs and offering more options to meet your application needs.

Configure your solution online at [barksdale.com/configurator](https://barksdale.com/configurator).



Visit [Barksdale.com](https://Barksdale.com) to view our complete product portfolio.



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