New Feature Announcement

PROFIBUS-DP

Available for the 454FTB, 454FTB-WGF, 504FTB, and 534FTB flow meter product lines

The B-Series supports PROFIBUS-DP (Decentralized Periphery), which represents the majority of PROFIBUS-installed bases. PROFIBUS-DP features the optimum combination of data throughput, ease of installation and service, diagnostic capabilities, and error-free transmission. This option is dedicated to time-critical communication between automation systems with high-speed data communication – up to 12 Mbits/sec. PROFIBUS is based on RS-485 communication.

Profibus communication is used in:

• Food & Beverage industry
• Wastewater treatment plants
• Boiler control schemes
• Turbine control systems

The B-Series PROFIBUS-DP flow meter includes an interface board using the Profichip VPC3 ASIC to handle the message and address identification, the data security sequences, and the protocol processing for PROFIBUS-DP.

• Widely used with sensor and actuator pairings
• Allows multiple masters per network
• Excellent noise immunity
• Standardized design
• Modem friendly protocol
• Siemens-supported and preferred protocol

For more indepth information read:

• Profibus and Modbus: A Comparison
• Introduction to Profibus DP
• Tips for Troubleshooting Profibus DP
### Ordering the PROFIBUS-DP Feature

To order the Profibus-DP feature:

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<td>K-BAR 2000B</td>
<td>5, K</td>
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To access the Profibus-DP feature using the Product Configurator in the Kurz online Pricing Program, choose **Profibus-DP** for the Analog, Digital Inputs/Outputs Communication: