ABB MEASUREMENT & ANALYTICS

SwirlMaster and VortexMaster with Ethernet-APL

Flow measurement performance at the speed of light

Step into the future of industrial efficiency and safety

Leverage ABB's new Ethernet-APL measurement technology

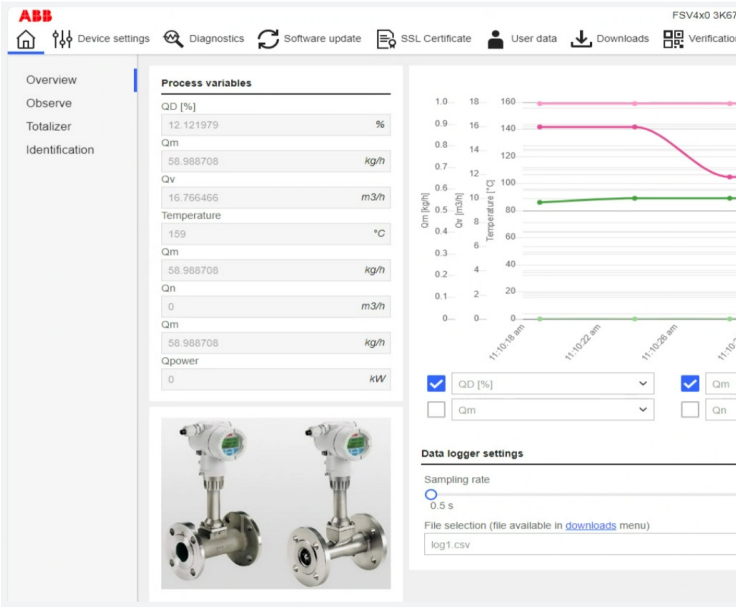
Harness the power of Ethernet – the most common computer network – now at the field instruments level even in hazardous areas.

Take advantage of measurement performance at the speed of light.

Utilize the most popular network at the field instrument level in all areas, even in hazardous areas zone 1/21.

Elevate your process safety, efficiency, and quality to new heights.

Gain unprecedented remote monitoring capabilities.



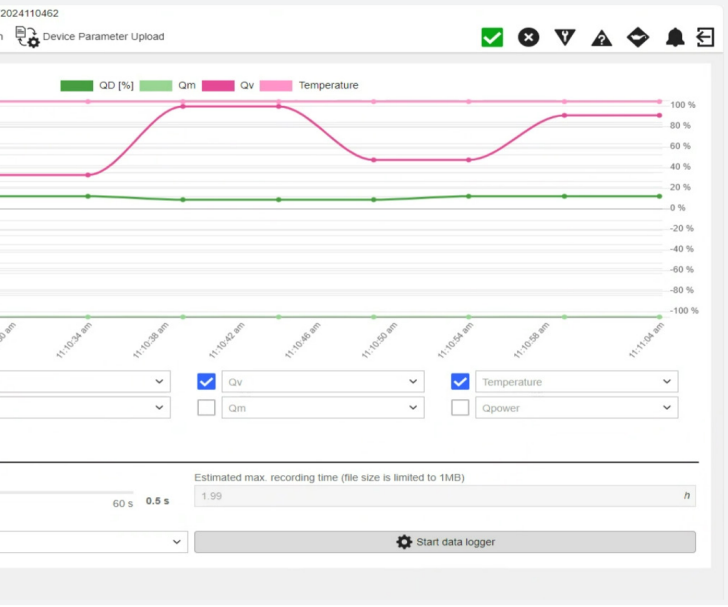
Process data at your fingertips

For real-time decisions and predictive maintenance

ABB's Swirl and Vortex flow meters with Ethernet-APL technology provide more than just a flow value. Make use of the integrated webserver, Modbus TCP or Profinet communication protocols. These advancements enable real-time, data-driven decisions and predictive maintenance, significantly reducing potential errors and downtime.

Providing detailed insights on the following parameters at the same time depending on device configuration:

- **Volumetric flow**
- **Process temperature**
- **Mass flow**
- **Totalizer values**
- **Energy flow**
- **Diagnostic information**



Discover ABB's first Ethernet-APL flow meters

For measurement of liquids, gases, and steam

Swirl flow meters

FSS430

The FSS430 swirl flow meter is available with Profinet, Modbus TCP or RTU, Profibus, Foundation Fieldbus, or classic 4 to 20 mA with HART 7 communication options.

FSS450

The FSS450 swirl flow meter offers the same measurement and communication capabilities as the FSS430, but it also includes analog input and enhanced flow computer functionality.

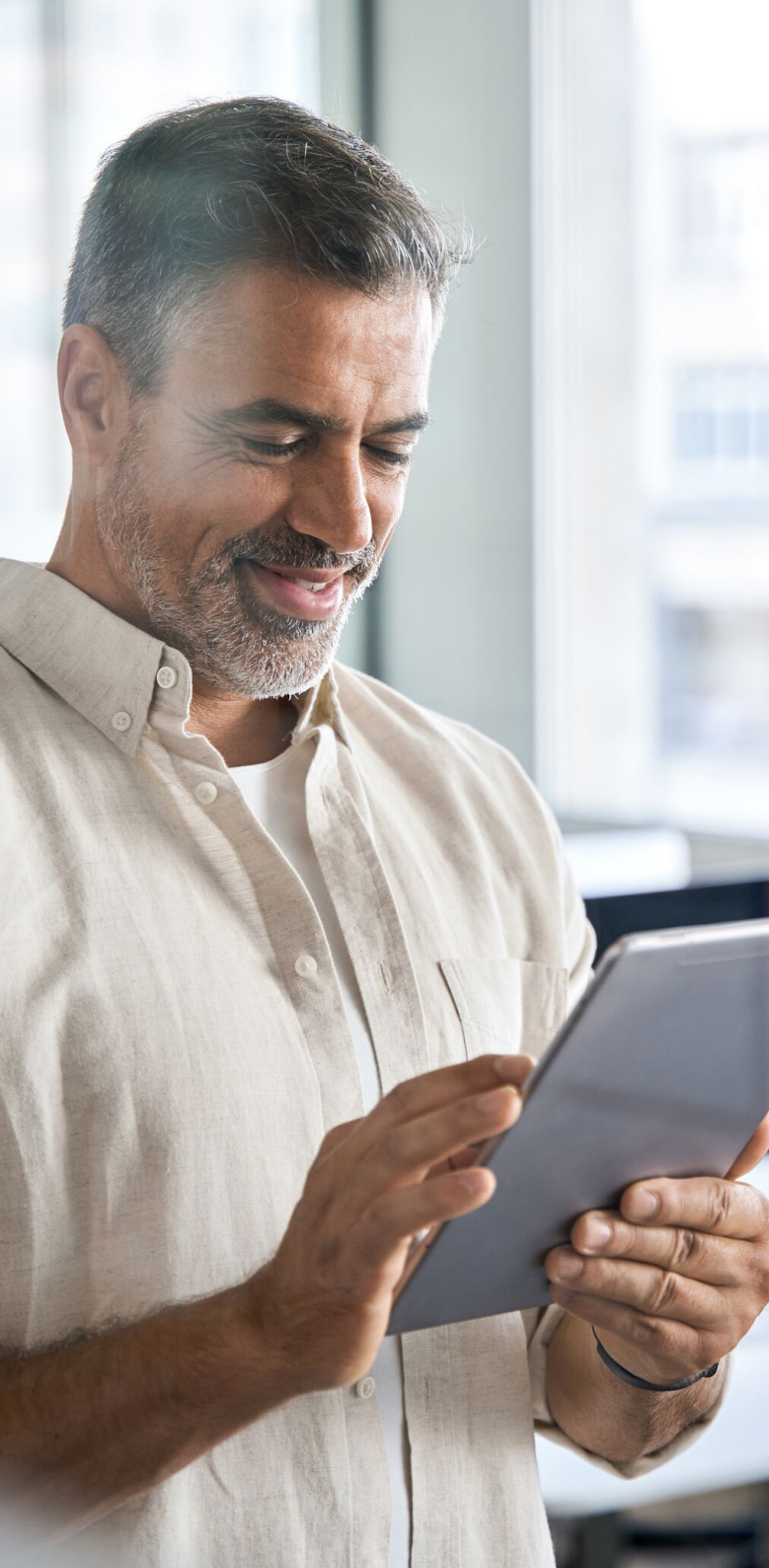
Vortex flow meters

FSV430

The FSV430 vortex flow meter is available with Profinet, Modbus TCP or RTU, Profibus, Foundation Fieldbus, or classic 4 to 20 mA with HART 7 communication options.

FSV450

The FSV450 vortex flow meter offers the same measurement and communication capabilities as the FSV430, but it also includes analog input and enhanced flow computer functionality.



Contact

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Measurement & Analytics

LFT/SWIRLMASTER/VORTEXMASTER/ETHERNET-APL-EN-A