ABB Totalflow OPC Server
SKU: KWP-ABBTF0-PRD

The ABB Totalflow driver for KEPServerEX connects to ABB Totalflow devices that support the native Totalflow serial protocol. The Totalflow protocol is typically used in upstream Oil & Gas for process control and hydrocarbon measurement at the wellhead, as well as in midstream Oil & Gas facilities. Its capabilities provide data to SCADA, HMI, and measurement applications. The ABB Totalflow driver also collects historical Electronic Flow Measurement (EFM) gas and liquid data to work in conjunction with the EFM Exporter.

Features
- Supports communications via:
  - Ethernet Encapsulation
  - Dialup Modem
    - Automatic Dialing
    - Multiple phone numbers
- String support
- Supports up to 1024 communication channels
- Supports scan mode for controlling client poll rates
- Supports the retrieval of Trend Logs that are stored locally on the device and makes them available via CSV format
- Supports the retrieval of gas and liquid Electronic Flow Measurement (EFM) data
- Device auto-demotion
- Time synchronization
- Media Level Redundancy
- Supports user-defined block sizes that are configurable on-the-fly
- Communication Serialization

Protocols
- ABB DB1
- ABB DB2

Supported Devices
- ABB Totalflow 6000 series FCU
- ABB Totalflow 6000 series microFLO
- ABB Totalflow 6000 XSeriesG4
- ABB Totalflow 6000 XSeriesG3

Application Support
- OPC Data Access (OPC DA) Versions 1.0a, 2.0, 2.05a, and 3.0
- OPC Alarms and Events (OPC AE) Version 1.10
- OPC Unified Architecture (OPC UA) Version 1.01
- OPC .NET Service (OPC .NET) Version 1.00
- SuiteLink and FastDDE for Wonderware
- NIO Interface for iFIX
- DDE Format CF_Text and AdvancedDDE

Additional Tech Info

FEATURES WHEN PART OF THE EFM SUITE:

- EFM (Electronic Flow Measurement) Support
- EFM Configuration and Mapping
  - History, including Gas Chromatograph data
    - Hourly
    - Daily
  - Alarms
  - Events

Featured Suites

- Oil and Gas Suite
- EFM Suite