

OIL, GAS AND CHEMICALS

ABB Metering Modules

Ensure precise measurement of oil and gas products

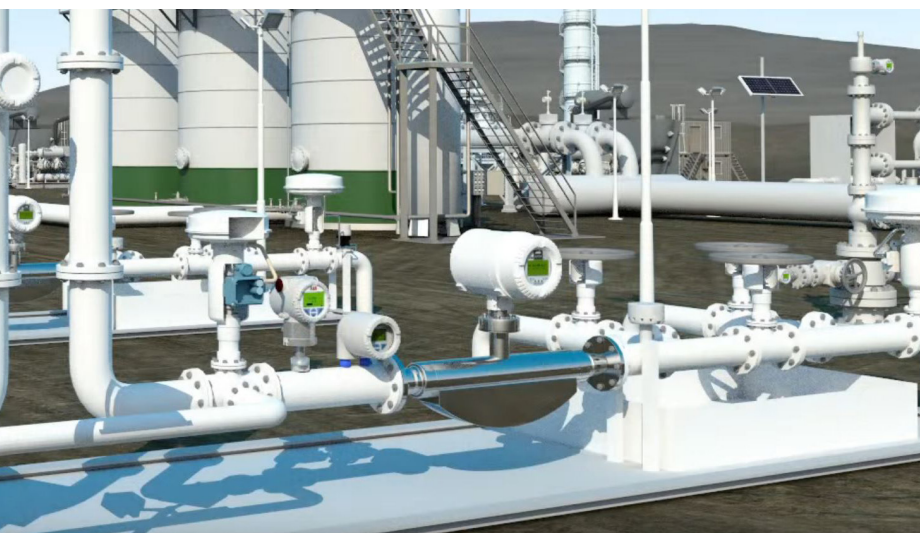


ABB Metering Modules are bundled, pre-tested solutions that help improve the accuracy of fiscal metering, blending and pressure reduction for your oil and gas products.

Overview

ABB Metering Modules integrate ABB analyzers/gas chromatographs, transmitters, control, flow computers and meters into one modular skid to help ensure accuracy of all oil and gas products being sold for more productive and profitable operations.

This modular approach accelerates implementation, ensures consistent quality and predictable performance of the metering solutions, and simplifies operation and maintenance.

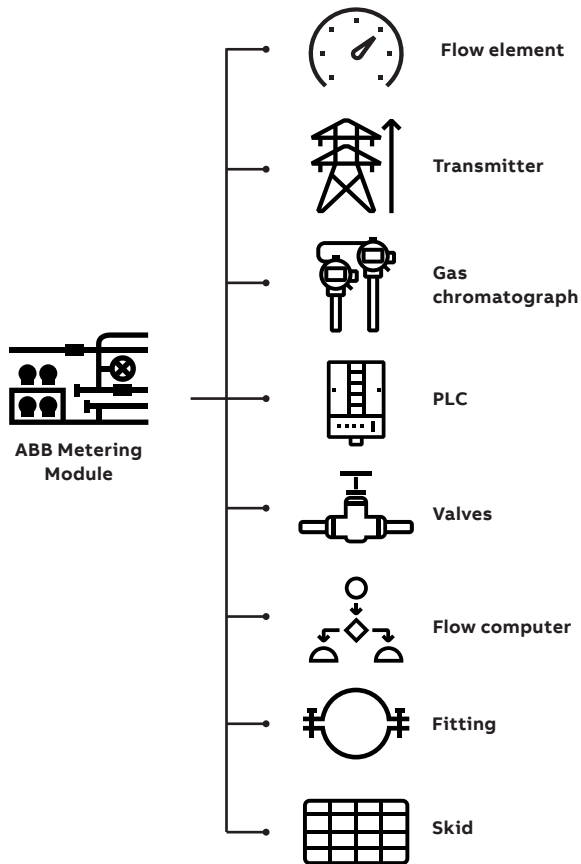
Our modules can be pre-assembled and pre-configured to be delivered as one single solution for easy startup. Or, they can be assembled and set up on site, if size or location conditions require that approach.

Once up and running, we can provide advanced monitoring and optimization services to ensure ABB Metering Modules continue to function at peak performance.

Benefits

- Ensures accurate and reliable measurement of products being sold
- Helps meet regulatory requirements by complying to local regulation and appropriate levels of standardization required for each application and geographic region
- Enables faster deployment and execution with fully constructed, integrated and pre-tested modules
- Reduces risk by providing a single point of responsibility
- Ensures efficient and reliable operations through optional critical support available 24/7

01 The ABB Metering Modules come equipped with everything you need to ensure precise and accurate measurement of your oil and gas products.



Applications

Metering Modules

- ABB Metering Modules perform both custody and non-custody metering of oil and natural gas. This includes a range of metering, such as orifice, turbine, Coriolis, ultrasonic and positive displacement. Filtration and valves are incorporated for loading applications, with several filter types available.

LPG Blending Modules

- Propane and butane are metered using Coriolis meters, controlled by control valves and blended by in-line static mixers, that are based on Reid vapor pressure (RVP) analyzer and gas chromatograph values and measurements.

Pressure Reduction/Let Down Modules

- Our modules can help reduce the pressure of natural gas using self-actuated active and monitor pressure regulators and slam shut-off systems. Configurations for redundancy in pressure regulation, filtration systems and metering are also available.

Why choose ABB

- We are one of only a few companies that offer metering as a fully integrated modular or skid-mounted solution
- We uniquely offer three elements for measurement in one solution/skid:
 - Flow elements
 - Flow computers
 - Gas chromatographs
- We support you throughout the plant life cycle, from design through deployment
- We offer industry-leading support and service, available 24/7

Services and support

We provide service and support throughout the module life cycle:

- ABB Ability™ digital solutions and the ABB Collaborative Support Network connect modules to an expert team on an agreed upon service schedule
- In-person and virtual service and support ensure efficient and reliable operations on a 24/7 basis