



FLUXUS® 7407.316SE Stainless Steel Enclosure

Seawater Resistant - Corrosion Proof -
Environmentally Hardened - FM Approved

Oil & Gas Exploration On- & Offshore

FWKO and Separator In-/ Outlet
Coalescers
Scrubbers and Reboilers
Produced Water Injection
Chemical Injection

Crude Oil Refining

Atmospheric Distillation
Vacuum Distillation
Cracking Units

Hydrocarbon Products Handling

Pipeline Monitoring
Allocation Terminals

Chemical & Petrochemical Industry

Organic and Inorganic Media
Acids and Caustics
Polymerization Processes
Infrastructural Processes

Natural Gas Processing





The rugged FLUXUS® ADM 7407 and G704 clamp-on ultrasonic flow meters just got stronger:

The FLUXUS® ADM 7407.316SE and G704.316SE are FM Class I, Division 2 approved and have all the benefits of our standard FLUXUS flow meters but in a corrosion resistant Stainless Steel 316 housing, ideal for any application where the flow meter is exposed to high humidity, moisture, corrosive coastal environments as well as offshore.

The .316SE flow meter allows for an inherently bi-directional flow measurement of volume and mass flow rates of nearly any liquid and gaseous media - From crude oil and natural gas to refined products - and can be equipped with various outputs to be used for a sophisticated process control.

As the ultrasonic transducers are mounted on the outside of the pipe wall, enclosed in the rugged stainless steel PERMALOK mounting fixture, the system does not suffer from wear, tear or clogging and can't be a risk for leaks.

And with the same matched and paired transducers as well as the internal temperature compensation (compliant to ANSI/ASME regulations), the measurement system is drift free and zero stable. Moreover, as the transducers calibration data is automatically loaded by connecting the transducers to the transmitter, set-up times are significantly reduced.

Leveraging its exceptional dual- μ P technology, the high number of measuring cycles per second and the adaptive signal processing, the FLUXUS® 7407.316SE flow meter produces stable and reliable measuring results even under extreme environmental conditions.

Advantages:

- ▶ Highly precise and reliable bidirectional flow measurement over a wide turndown ratio
- ▶ Very cost efficient:
 - No pipe works
 - No process shut-downs
 - Virtually no maintenance
- ▶ Matched, paired and wet flow calibrated (NIST traceable)
- ▶ Highly zero point stable and drift free
- ▶ Independent of pipe size, material, line pressure and the medium
- ▶ Independent of entrained solids and gases
- ▶ Free of wear, tear and abrasion
- ▶ Not prone to clogging or corrosion
- ▶ 316SE Option has twice the volume within the housing, providing ample room when wiring the meter
- ▶ FM Class I, Division 2 approved

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The highly rugged SS316 housing is suited for every industrial application - not only offshore.

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