

Technical Information

Proline Promass F 300

Coriolis flowmeter



The flowmeter with premium accuracy, robustness and a compact, easily accessible transmitter

Application

- Measuring principle operates independently of physical fluid properties such as viscosity or density
- Highest measurement performance for liquids and gases under varying, demanding process conditions

Device properties

- Mass flow: measured error $\pm 0.05\%$ (PremiumCal)
- Medium temperature up to -196 to $+350\text{ }^{\circ}\text{C}$ (-320 to $+662\text{ }^{\circ}\text{F}$)
- Nominal diameter: DN 8 to 250 ($\frac{3}{8}$ to 10")
- Compact dual-compartment housing with up to 3 I/Os
- Backlit display with touch control and WLAN access
- Remote display available

Your benefits

- Highest process safety – immune to fluctuating and harsh environments
- Fewer process measuring points – multivariable measurement (flow, density, temperature)
- Space-saving installation – no in/outlet run needs
- Full access to process and diagnostic information – numerous, freely combinable I/Os and fieldbuses
- Reduced complexity and variety – freely configurable I/O functionality
- Integrated verification – Heartbeat Technology