

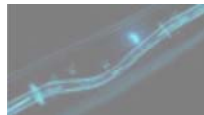
Endress+Hauser 

Proline Promass 83F Coriolis flowmeter

The flowmeter with premium accuracy, robustness and extended transmitter functionality



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Promass F has a long standing reputation as a highly accurate device under varying process conditions. It is suited for a broadest range of applications. Combined with the Promass 83 transmitter with touch control, four line display and extended functionality like software options for filling and dosing, concentration measurement or advanced diagnostics, Promass 83F offers premium accuracy in measurement of liquids and gases.

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
- Quality – software for filling & dosing, density & concentration, advanced diagnostics
- Flexible data transfer options – numerous communication types
- Automatic recovery of data for servicing

Field of 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)
- Rated secondary containment up to 40 bar (580 psi)
- Nominal diameter: DN 8 to 250 (3/8 to 10")
- 4-line backlit display with touch control
- Device in compact or remote version
- HART, PROFIBUS PA/DP, Modbus RS485, FF, EtherNet/IP

Technical information

Documents / Software

Service

Accessories / Spare parts

Success stories

