



DDC-SENSOR™ PRODUCTS

FT1, FT4A, & FT4X SHARED FEATURES

- Advanced DDC-Sensor™
- Measures process gas flow rate and temperature
- Gas-SelectX® technology
- Flow Accuracy:
 - $\pm 1\%R \pm 0.5\%FS$ (Air)
 - $\pm 1.5\%R \pm 0.5\%FS$ (Other gases)
- Standard USB and free FT View™ Software
- 24VDC Input Power
- NIST-traceable calibration
- Wide measurement range: up to 1000:1, 100:1 typical
- FM/FMc, ATEX, and IECEx Class I, Div. 1 Agency Approvals
- CE Mark

INDUSTRIAL GRADE



FT1 Thermal Mass Flow Meter

- Calibration Validation with the CAL-V™ diagnostic feature
- Optional on-board display and configuration panel
- Standard 4-20mA output proportional to mass flow rate - HART option
- Second output for pulse/alarm, Modbus RTU (RS485), or BACnet MS/TP

OIL & GAS GRADE



FT4A Thermal Mass Flow Meter

- BLM 3175 and API 14.10 Accuracy Compliant
- Calibration Validation with the CAL-V™ diagnostic feature
- Standard on-board display and configuration panel
- Standard 4-20mA output proportional to mass flow rate - HART option
- Second output for pulse/alarm or Modbus RTU (RS485)

FT4X Thermal Mass Flow Meter

- BLM 3175 and API 14.10 Accuracy Compliant
- Standard data logger: Flow totalization and data storage
- Calibration Validation with the CAL-V™ diagnostic feature
- Standard on-board display and configuration panel
- 2 X 4-20mA output proportional to mass flow rate
- Alarm or pulse output; Modbus RTU (RS485) or HART option



POWERPRO™ SENSOR PRODUCTS

FT2A & FT3 SHARED FEATURES

- Measures process gas flow rate and flow accuracy: $\pm 1\%R \pm 0.2\%FS$
- High-Powered PowerPro™ Sensor
- 2 X 4-20mA outputs proportional to mass flow rate
- Standard USB Port and Free FT View™ Software to configure flow meter settings
- Insertion, Inline, and Remote Styles
- Measures process gas flow rate and temperature
- AC or DC Input Power Options
- One discrete output configured for alarms or frequency output proportional to flow and one discrete input to reset total
- CE Mark

INDUSTRIAL GRADE



FT2A Thermal Mass Flow Meter

- Standard display and configuration panel
- Optional Modbus RTU (RS485), BACnet MS/TP, Profibus-DP, DeviceNet, or Ethernet Modbus TCP
- FM/FMc Class I, Div. 2 Agency Approvals

OIL & GAS GRADE



FT3 Thermal Mass Flow Meter

- Calibration Validation with the CAL-V™ and Zero CAL-CHECK®
- Optional on-board display and configuration panel
- Optional HART and Modbus RTU (RS485)
- FM/FMc, ATEX, and IECEx Class I, Div. 1 Agency Approvals

BENEFITS OF THERMAL MASS TECHNOLOGY

- Direct mass flow measurement of air and gases in standard volumetric units (e.g., SCFM or NM3/H) or mass units (e.g., LBS/M or KG/H)
- No additional pressure or temperature compensation required
- Repeatability and exceptionally broad measurement range: up to 1000:1 (100:1 typical)
- Standard linear 4-20mA output proportional to mass flow rate
- Low pressure drop
- No moving parts
- Cost-effective
- Measures flow rate and temperature