

THERMAL MASS FLOW METERS

Thermal Mass Flow meters provides a precise and sensitive direct mass flow measurement of gases

WHERE IT WORKS

The SensyMaster is used in the process industry for the flow measurement of gases and gas mixtures.

Optional VeriMass includes the SensorCheck, which verifies the integrity of the measuring elements and can notify of possible deposits on the measuring elements

TYPICAL APPLICATIONS

- Gas volume measurement in chemical and process technology (air, methane, nitrogen, hydrogen, carbon dioxide, oxygen, natural gas, ammonia, helium, argon, propane, ethane, butane, ethene, biogas)
- Pressurized air balancing
- Gas burner controls
- Digester gas and activation air measurements in sewage plants
- Gas measurement in air separators
- Hydrogen measurements in the process



FMT 230/430

- Both FMT230 and FMT430 can have 1 or 2 gases preconfigured (calibrated)
- Accuracy of 1.2% of reading
- Maximum gas temperature: 150°C



FMT 250/450

- Both FMT250 and FMT450 can have up to 8 gases preconfigured
- Accuracy of 0.6% of reading
- Maximum gas temperature: 300°C



COMMUNICATIONS

- FMT230 and FMT250 provide Modbus RTU communication and 2 digital outputs for easy integration with SCADA and OEM system
- FMT430 and FMT450 provide a plug and play platform for multiple analogue and digital outputs including HART communication

BENEFITS + FEATURES

- Integrated diagnostics and on-board verification
- Lower costs with extended maintenance cycles
- Impressively high accuracy
- Better plant availability with predictive maintenance
- Safe processes through sensor element verification

Call +44 (0)1293 538940 for more information or click here to request a call back