



MFS100

Gas Mass Flow Meter

Production description

MFS100 series mass flow meters are designed for a large dynamic range (200:1) and high accuracy of 1% of reading in flow metering and control applications. With Sierra's proprietary MEMS mass flow sensing technology, the meter can automatically recognize the registered gases and be powered with lithium-ion battery for long-lasting operation. The current models can be readily applied to applications with multiple gas process control and flow efficiency calibration, as well as applications requiring mobile power.

MFS100 can measure a flow up to 600 SLPM. The connectors can be fully customized.

Features

- MEMS thermal mass flow meter
- Excellent repeatability over a wide range of multiple sensing elements
- High accuracy of 1% reading
- Fast response time
- Battery powered with the long-lasting operation
- Fully customizable connectors

Mechanical dimensions



Note: The current flow module have the identical mechanical dimensions.