

MASS FLOW CONTROLLER SLAMF

SLAMF53

Thermal Mass Flow Controller SLAMF53

- Mass flow control and adjustment
- Zero stability: < 0.2% F.S. per year
- Broad array of communication options



PRODUCT DESCRIPTION

Whether it's dust, moisture, temperature extremes or wash-down requirements, the SLAMf Series elastomer sealed thermal mass flow controllers and meters deliver the precise accuracy and long-term stability of our proven SLA5800 family of meters and controllers. A specially engineered NEMA4X/IP66 enclosure protects our advanced digital electronics and ensures stable, accurate measurement and control of your process-critical gas and liquid mass flows.

Features:

- NEMA4X / IP66 rated hardened enclosure
- Wide range of full scale flows - from 0.003 up to 2500 lpm (36,000 lpm for meters)
- Suitable for a broad range of temperature and pressure conditions
- Industry-leading thermal flow measurement sensor technology delivers excellent accuracy
- Programmable multi-gas/multi-range capabilities
- Advanced self-test routines and an independent diagnostic service port lets users troubleshoot or change flow conditions without removing the MFC from service
- Broad array of communication options including DeviceNet®, Profibus® and RS-485 plus analog interfaces

SPECIFICATIONS

Atex Approvals	ATEX, IECEx
Control range	100:1 for FS from 1-50 slpm (50:1 for all other FS flows)
Diagnostics / Service Port	RS485 via 2.5mm jack
Differential Pressure Max	20 bar
Differential Pressure Min	0.52 bar
External Leakage	1x10 ⁻⁹ atm. cc/sec He
Pressure Range Max	70 bar
Response time	<3 s

Supply Voltage	24 V
Supply Voltage DC Max	27 V DC
Supply Voltage DC Min	11 V DC
Temperature range from	-14 °C
Temperature range of media from	-14 °C
Temperature range of media to	65 °C
Temperature range to	65 °C
Valve type	NC/NO

