

## MASS FLOW CONTROLLER SLA5800

SLA5800

Thermal Mass Flow Controller SLA5800

- Mass flow control and adjustment
- Flow range 0.003 - 2500 slpm
- Response time less than 1s



### PRODUCT DESCRIPTION

The SLA5800 Series features the high accuracy, high zero stability and high repeatability you expect from the industry leader in mass flow measurement and control technology. Engineered with advanced, configurable multi-gas/multi-range capabilities, they offer a better zero drift specification compared to competitive products and have been proven to maintain factory calibration and accuracy longer.

Features:

- Long-term zero stability of <0.2% full scale per year
- Excellent accuracy
- Wide range of flow ratings - from 0.003 up to 2500 lpm
- Highest pressure ratings - up to 1500 psi/100 bar (optional: 4500 psi/310 bar)
- Programmable multi-gas/multi-range capabilities
- Independent & easily accessible diagnostic/service port
- Broad array of available communication options now includes the [EtherNet/IP™ protocol](#) which features a web-based interface that lets you easily configure network settings
- Modular design is easy-to-service at the factory or in the field

### SPECIFICATIONS

<b>Approvals</b>	ATEX, CE, IECEx, Pressure Equipment Directive, RoHS, UL
<b>Burst Pressure</b>	310 bar
<b>Control range</b>	50:1, 100:1 (Coplanar-valve) ("Full-Scale Flow" 1-50 Ln/min (N2 ekv.))
<b>Differential Pressure Max</b>	103 bar
<b>Differential Pressure Min</b>	0,35 bar
<b>External Leakage</b>	1x10 <sup>-9</sup> atm ml/s He
<b>IP Class</b>	IP40
<b>Lowest flow</b>	0,003-2500 ln/min

**Materials O-Ring**

Buna, EPDM, Kalrez, PTFE, Viton

**Materials Wetted Parts**

Buna, EPDM, Kalrez, PTFE, Stainless steel, Viton

**Pressure Range Max**

300 bar

**Response time**

<1s, >100l/min <3s

**Supply Voltage DC Max**

24 V DC

**Supply Voltage DC Min**

13,5 V DC

**Temperature range bearing, from**

-25 °C

**Temperature range bearing, to**

100 °C

**Temperature range from**

0 °C

**Temperature range of media from**

5 °C

**Temperature range of media to**

65 °C

**Temperature range to**

65 °C

