• Downstream or upstream
• Use with SLA Series mass flow

Performance

Elastomer Sealed

SLA Series

±0.12% of Transducer FS
1–50 lpm and 50:1 for all other
Turndown 100:1 for FS, from
IP66 rated hardened

diagnostic/service port

Top lid prevents damage
and control range
consistency

benefits
devices to maximize process

(FS >300 psia)

• Temperature Range — 5–60°C
• Max Pressure — Up to 500 psia

• Corrosion-resistant

enhances yield.

minimizes contamination,

high-purity all-metal flow path

• MultiFlo™ programmable gas

• Real-time flow error detection

ultra-high purity, all-metal
measurement sensors

insensitive technology

and pressure transient

• Max Pressure — Transducer

• Accuracies —

• Flow Range — 20 sccm–10 slm

Minimizes pressure

changes with negligible

changes

maximizes total cost of ownership.

Proven MFC for widest range of

industrial processes.

Extremely reliable, accurate

and repeatable measurement

and control for demanding

research applications

only Brooks Instrument

factory certification

from the factory

and range capabilities

Hazardous area approvals:

CE, UL (Recognized) Class I,

Div 2, ATEX, IECEx

and pressure ranges

Enclosure for hose-down/
wash-down applications

and pressure transient

• Temperature Range — 0–65°C
• Flow Range — 0.003–2500 lpm
• Fluid Type — gas

• Flow Range — 3 sccm–50 slpm
• Fluid Type — gas

• Flow Range — 0-1000 slpm
• Fluid Type — gas

Analog Thermal MFCs

• Analog only inputs/outputs enable

• Removable flow sensor eliminates

• Long-term sensor stability delivers

• Sustained value

Global Service & Support

Brooks Instrument products are recognized as the most reliable and accurate in the field. To learn your product is operating at the highest level of accuracy, exhausted your product is in need, Brooks service is there. Factory trained and certified service technicians are available within one day to provide the highest level of service and support.

For more information on Service, please visit our website at www.BrooksInstrument.com.
**Variable Area Flow Meters**

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
</tr>
</thead>
</table>
| Acrylic | **Temperature Range** — 1–121°C  
|       | **Max Pressure** — 200 psig  
|       | **Flow Range** —  • Gas: 0.04–4,000 slpm  
|       |   • Water: Up to 26 gpm / 100 l/h  
|       |   • Air: Up to 270 scfm / 440 m³n/hr  
|       | **Fluid Types** — clean liquids, gases  
|       | **Process connections** can be rotated 360°, 180° viewing  
|       | **Accuracy** — 1% FS  
|       | **Performance** — good upgrade from glass tube meters  
|       | **Value-added features** include 4–20 mA output with HART communication  
|       | **Compact design**  
|       | **Improved accuracy compared to glass tube meters**  
|       | **Reliable, durable, low-maintenance design**  
|       | **Minimizes downtime**  
|       | **Welded in oxygen-free chambers**  
|       | **316L steel withstands high-pressure or hazardous fluids**  
|       | **Uses multi-point temperature correction**  
|       | **4-inch stainless steel solid-state relay**  
|       | **Digital thermal compensation**  
|       | **Excellent versatility and materials to handle a wide range of applications** |

**MT3750 Series**

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
</tr>
</thead>
</table>
| Polycarbonate | **Temperature Range** — 1–121°C  
|       | **Max Pressure** — 200 psig  
|       | **Flow Range** —  • Gas: 0.04–4,000 slpm  
|       |   • Water: Up to 26 gpm / 100 l/h  
|       |   • Air: Up to 270 scfm / 440 m³n/hr  
|       | **Fluid Types** — clean liquids, gases  
|       | **Process connections** can be rotated 360°, 180° viewing  
|       | **Accuracy** — 1% FS  
|       | **Performance** — good upgrade from glass tube meters  
|       | **Value-added features** include 4–20 mA output with HART communication  
|       | **Compact design**  
|       | **Improved accuracy compared to glass tube meters**  
|       | **Reliable, durable, low-maintenance design**  
|       | **Minimizes downtime**  
|       | **Welded in oxygen-free chambers**  
|       | **316L steel withstands high-pressure or hazardous fluids**  
|       | **Uses multi-point temperature correction**  
|       | **4-inch stainless steel solid-state relay**  
|       | **Digital thermal compensation**  
|       | **Excellent versatility and materials to handle a wide range of applications** |

**8600 Series Mechanical Flow Meters**

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
</tr>
</thead>
</table>
| Metal Tube | **Temperature Range** — 1–121°C  
|       | **Max Pressure** — 200 psig  
|       | **Flow Range** —  • Gas: 0.04–4,000 slpm  
|       |   • Water: Up to 26 gpm / 100 l/h  
|       |   • Air: Up to 270 scfm / 440 m³n/hr  
|       | **Fluid Types** — clean liquids, gases  
|       | **Process connections** can be rotated 360°, 180° viewing  
|       | **Accuracy** — 1% FS  
|       | **Performance** — good upgrade from glass tube meters  
|       | **Value-added features** include 4–20 mA output with HART communication  
|       | **Compact design**  
|       | **Improved accuracy compared to glass tube meters**  
|       | **Reliable, durable, low-maintenance design**  
|       | **Minimizes downtime**  
|       | **Welded in oxygen-free chambers**  
|       | **316L steel withstands high-pressure or hazardous fluids**  
|       | **Uses multi-point temperature correction**  
|       | **4-inch stainless steel solid-state relay**  
|       | **Digital thermal compensation**  
|       | **Excellent versatility and materials to handle a wide range of applications** |

---

**Pressure & Vacuum Products**

**8600 Series Mechanical Pressure Regulators**

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
</tr>
</thead>
</table>
| Glass Tube | **Temperature Range** — 1–121°C  
|       | **Max Pressure** — 200 psig  
|       | **Flow Range** —  • Gas: 0.04–4,000 slpm  
|       |   • Water: Up to 26 gpm / 100 l/h  
|       |   • Air: Up to 270 scfm / 440 m³n/hr  
|       | **Fluid Types** — clean liquids, gases  
|       | **Process connections** can be rotated 360°, 180° viewing  
|       | **Accuracy** — 1% FS  
|       | **Performance** — good upgrade from glass tube meters  
|       | **Value-added features** include 4–20 mA output with HART communication  
|       | **Compact design**  
|       | **Improved accuracy compared to glass tube meters**  
|       | **Reliable, durable, low-maintenance design**  
|       | **Minimizes downtime**  
|       | **Welded in oxygen-free chambers**  
|       | **316L steel withstands high-pressure or hazardous fluids**  
|       | **Uses multi-point temperature correction**  
|       | **4-inch stainless steel solid-state relay**  
|       | **Digital thermal compensation**  
|       | **Excellent versatility and materials to handle a wide range of applications** |

**Capacitance Manometers**

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
</tr>
</thead>
</table>
| Capacitance | **Temperature Range** — 1–121°C  
|       | **Max Pressure** — 200 psig  
|       | **Flow Range** —  • Gas: 0.04–4,000 slpm  
|       |   • Water: Up to 26 gpm / 100 l/h  
|       |   • Air: Up to 270 scfm / 440 m³n/hr  
|       | **Fluid Types** — clean liquids, gases  
|       | **Process connections** can be rotated 360°, 180° viewing  
|       | **Accuracy** — 1% FS  
|       | **Performance** — good upgrade from glass tube meters  
|       | **Value-added features** include 4–20 mA output with HART communication  
|       | **Compact design**  
|       | **Improved accuracy compared to glass tube meters**  
|       | **Reliable, durable, low-maintenance design**  
|       | **Minimizes downtime**  
|       | **Welded in oxygen-free chambers**  
|       | **316L steel withstands high-pressure or hazardous fluids**  
|       | **Uses multi-point temperature correction**  
|       | **4-inch stainless steel solid-state relay**  
|       | **Digital thermal compensation**  
|       | **Excellent versatility and materials to handle a wide range of applications** |

**Power Supply, Power Supply, Power Supply, Power Supply, Power Supply**

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
</tr>
</thead>
</table>
| Power Supply | **Max Pressure** — 200 psig  
|       | **Flow Range** —  • Gas: 0.04–4,000 slpm  
|       |   • Water: Up to 26 gpm / 100 l/h  
|       |   • Air: Up to 270 scfm / 440 m³n/hr  
|       | **Fluid Types** — clean liquids, gases  
|       | **Process connections** can be rotated 360°, 180° viewing  
|       | **Accuracy** — 1% FS  
|       | **Performance** — good upgrade from glass tube meters  
|       | **Value-added features** include 4–20 mA output with HART communication  
|       | **Compact design**  
|       | **Improved accuracy compared to glass tube meters**  
|       | **Reliable, durable, low-maintenance design**  
|       | **Minimizes downtime**  
|       | **Welded in oxygen-free chambers**  
|       | **316L steel withstands high-pressure or hazardous fluids**  
|       | **Uses multi-point temperature correction**  
|       | **4-inch stainless steel solid-state relay**  
|       | **Digital thermal compensation**  
|       | **Excellent versatility and materials to handle a wide range of applications** |