

THERMAL MASS FLOW PRODUCT SUMMARY

Coriolis Mass Flow	QMBC (Controller)	QMBM (Meter)	QMBS (Sensor)
Gas Flow Range:	*1.05 slpm - 29.1 slpm	*1.4 slpm - 50.3 slpm	*1.4 slpm - 50.3 slpm
Liquid Flow Range:	*1 gram/hr - 18.6 kg/hr	*1 gram/hr - 27.0 kg/hr	*1 gram/hr - 27.0 kg/hr
Pressure Rating:	500/ 1500 PSIG	500/ 1500/ 4500 PSIG	500/ 1500/ 4500 PSIG
Max Operating Temp:	65 Deg.C	65 Deg.C	65 Deg.C
Accuracy:	0.2% FS / 0.5% FS	0.2% FS / 0.5% FS	0.2% FS / 0.5% FS
Repeatability	0.05%	0.05%	0.05%
I/O Signal/Comms:	0-5V, 4-20mA HART	0-5V, 4-20mA HART	MODBUS
Secondary Output:	Density or Temperature	Density or Temperature	Density or Temperature
Power Supply:	14Vdc - 27Vdc	14Vdc - 27Vdc	14Vdc - 27Vdc



Process Insensitive	B950D	NEW PRODUCT
Gas Flow Range:	3 sccm - 50 slpm	* Insensitive to Pressure variation.
Pressure Rating:	100 PSIG	* Insensitive to Temperature change.
Max Operating Temp:	50 Deg.C	* New User Interface & LCD Display.
Accuracy:	0.7% of Rate (10-100% FS) 0.7% FS (< 10% FS)	* Coplanar Valve Technology.
Response Time:	< 1 Sec (< 400 msec typical)	* Lightening Fast Response.
I/O Signal/Comms:	DeviceNet	* Multiple Calibration Curves.
Power Supply:	11Vdc - 25Vdc	* Advanced Diagnostics.



Fast Response	4850 Controller	4860 Meter
Gas Flow Range:	50 sccm - 40 slpm	50 sccm - 40 slpm
Pressure Rating:	150 PSIG	150 PSIG
Max Operating Temp:	50 Deg.C	50 Deg.C
Accuracy:	+/-1% FS or +/-3% FS	+/-1% FS or +/-3% FS
Response Time:	< 0.3 Sec	< 0.3 Sec
I/O Signal/Comms:	0-5Vdc or 4-20mA, RS-232	0-5Vdc or 4-20mA, RS-232
Power Supply:	15Vdc or 24Vdc	15Vdc or 24Vdc



Digital Technology	SLA5850	SLA5851	SLA5853
Gas Flow Range:	3 sccm - 50 slpm	20 - 100 slpm	100 - 2500 slpm
Pressure Rating:	1500 PSIG/ 4500 PSIG	1500 PSIG	1500 PSIG
Max Operating Temp:	70 Deg.C	70 Deg.C	70 Deg.C
Accuracy:	+/-1% of Rate (20-100% FS) / 0.2% FS (< 20% FS) / +/-1% FS > 1100 SLPM (53)		
Response Time:	< 1 Sec (< 0.2 Sec)	< 1 Sec	< 3 Sec
I/O Signal/Comms:	0-5Vdc, 4-20mA, Foundation Fieldbus, DeviceNet, Profibus		
Power Supply:	13.5 - 27Vdc		



NEMA 4X / IP65	SLAMF50	SLAMF51	SLAMF53 / MF64S
Gas Flow Range:	3 sccm - 50 slpm	20 - 100 slpm	100 - 1000 slpm / 2160 nm3/hr
Pressure Rating:	1500 PSIG/ 4500 PSIG	1500 PSIG	1000 PSIG / 725 PSIG
Max Operating Temp:	65 Deg.C	65 Deg.C	65 Deg.C / 70 Deg.C
Accuracy:	+/-1% of Rate (20-100% FS) / 0.2% FS (< 20% FS) / +/-1% FS > 1100 SLPM (53)		
Response Time:	< 1 Sec	< 1 Sec	< 3 Sec
I/O Signal/Comms:	0-5Vdc, 4-20mA, Foundation Fieldbus, DeviceNet, Profibus		
Power Supply:	15Vdc or 24Vdc		

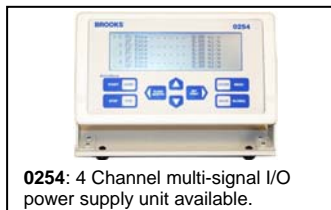


Pressure Control	5866E (Analog)	SLA5810 / SLA5820 (Digital)
Gas Flow Range:	3 sccm - 30 slpm	3 sccm - 30 slpm
Pressure Rating:	1450 PSIG	1450 PSIG (Opt: 4350 PSIG)
Max Operating Temp:	65 Deg.C	65 Deg.C
Accuracy:	+/-0.5% FS	+/-0.5% FS
Response Time:	< 3 Sec	< 3 Sec
I/O Signal/Comms:	0-5Vdc, 4-20mA	0-5Vdc, FF, DeviceNET
Power Supply:	15Vdc	15Vdc (24Vdc for FF & DeviceNet)



Notes:

- Elastomer Materials: Viton / Buna / Kalrez.
- Gas Mass Flow referenced to Nitrogen.
- Liquid Mass Flow referenced to Water.
- Power Cables available in Price Lists.
- Service software available for SLA-Series.
- Profibus option provided on S-Series 5800S and MFS products.
- * Actual achievable QMB flow rates are dependent upon fluid type and process conditions.



0254: 4 Channel multi-signal I/O power supply unit available.



5848 Thermal Mass Flow filters mounted on inlet for use with dirty gases.