

GAS HANDLING EQUIPMENT

MASS FLOW CONTROLLER



HSG-MFC260

Series HSG-MFC260 & HSG-M360 FEATURES

The traditional analog HSG-MFC260 mass flow controller and HSG-M360 meter with elastomeric seals and reliable thermal valve:

- Compatible with other MFC
- Economic design, simple construction.
- Compatible with MODULINE® via optional adapting connector.
- Outstanding records throughout various industries.
- Possibility to regulate with external readout.

Series HSG-MFC260 & HSG-M360 SPECIFICATIONS

Flow Range (equivalent N2):from 10 sccm to 5 slm
 Control Range: between 2 and 100% F.S.
 Valve Type: Electromagnetic
 Valve Rest Position: Normally Open only
 Accuracy: +/- 1% of F.S.
 Linearity: +/- 0.5% of F.S.
 Repeatability: +/- 0.3% of F.S.
 Sensibility to Mounting Position: +/- 0.1% of F.S.
 Step Response Time: <= 6 sec. typical (SEMI E17-91)
 Temperature Range: between 5 and 40°C
 Temperature Coefficient: < 0.1% F.S. / °C
 Maximum Inlet Pressure: 10 bar
 Minimum Differential Pressure: 0.5 bar (0.7 bar with H2)
 Maximum Differential Pressure: 3 bar
 Pressure Coefficient: < 0.1% F.S./bar
 Wetted Materials: 316 L Stainless steel
 Leak Integrity: < 2.10-8 scc/sec (He)
 Standard Seals: Viton, Neoprene
 Fittings: 1/4" VCR, Swagelok

Power Input Requirement:

Mass Flow Controller: +/- 15 VDC, 150 mA
 Mass Flow Meter: +/- 15 VDC, 25 mA
 Set Point Signal: from 0 to 5 VDC
 Flow Output Signal: from 0 to 5 VDC
 Electrical Connector: Card Edge

Options:

- Kalrez seals
- Other on request

Case GND	1	A	Setpoint
Common	2	B	Common
Readout	3	C	Common
+15 VDC	4	D	Valve control
	5	E	
Test point	6	F	-15 VDC
	8	J	Sensor Up-stream
	9	K	Sensor Com
Extra I/O	10	L	Sensor Down-stream

20 pin card edge

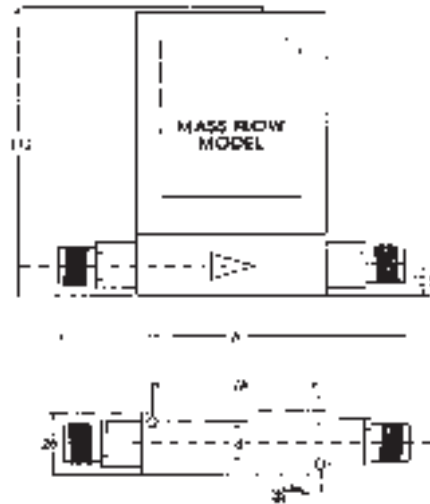


Table of Dimension (mm)

	VCR 1/4"	SWAGelok	1/4" NPT
A (mm)	124	126.6	141.6

-- FOR OTHER FLOW RANGES AND MODELS, PLEASE CONTACT US --