

Model 965, Mass Flow Controller

Mass Flow Controller

FLOWMETERS

Description: The model 965 is designed to control the flow of non-corrosive gases. The instruments built-in display and set-point control eliminate the need for separate power supply and readout electronics, standard on most mass flow controllers. A straight, large diameter sensor tube prevents clogging and contamination. The fast response valve provides precise one-step control of critical gas flows. You simply, set it and forget it.

Available in flow ranges from 0–10 sccm to 0–50 slpm. The standard unit accepts 0–5 VDC or 4–20 mA command signals for applications that require remote set point control.



Specifications	
Accuracy	±1.5% of full scale
Repeatability	±0.25% of full scale
Response Time	1 second
Gas Pressures	150 psig maximum (25 psig optimum)
Gas & Ambient Temperature	32 to 120° F
Wetted Parts	Viton® O-rings
Connections	¼" or ⅜" compression fittings ¼" NPT female
Input Power	+12 Vdc; 200 mA maximum (provided) (+24 Vdc optional)
Output Signal	Linear 0–5 Vdc. (1000 Ω min. load impedance) or 4 - 20 mA (50 - 500 Ω loop resistance) maximum noise ±20 mV
Tilttable Display	3½ digit LCD, 0.5 inch high characters

Equipment

Please Call 1-800-939-5711 For Ordering Information*

Series 965	Maximum Flow	Body Type	Options
	1 - 0-10 ml/min.	A. Glass-filled nylon	With LCD
	2 - 0-20 ml/min.	S. 316 Stainless Steel	Without LCD
	3 - 0-50 ml/min.		VRC® Compression Fitting
	4 - 0-100 ml/min.		¼" Compression Fitting
	5 - 0-200 ml/min.		⅜" Compression Fitting
	6 - 0-500 ml/min.		
	7 - 0-1 L/min.		
	8 - 0-2 L/min.		
	9 - 0-5 L/min.		
	10 - 0-10 L/min.		
	11 - 0-20 L/min.		
	12 - 0-50 L/min.		

Ordering 965-1-S-With LCD

Example: 965 Mass Flow Controller; 0-10 ml/min. Maximum Flow; Stainless Steel Body; LCD option selected.