

GMC1200 Flow & Pressure Controller



GMC1200

Model GMC 1200 Flow & Pressure Controller can supply +/- 15 VDC to power and provide readout for attached MFC (Mass Flow Controller)'s.

It's designed to control and display any flow meter or controller.

The flow rate set point (0 – 5 VDC) can be adjusted either through front panel controls or remotely through the rear panel RS232C PC interface.

GMC 1200 Flow & Pressure Controller provide readout pressure signal for attached Capacitance Manometers instead of Mass Flow Controllers.

It must be installed capacitance manometer display board instead of flow control board.

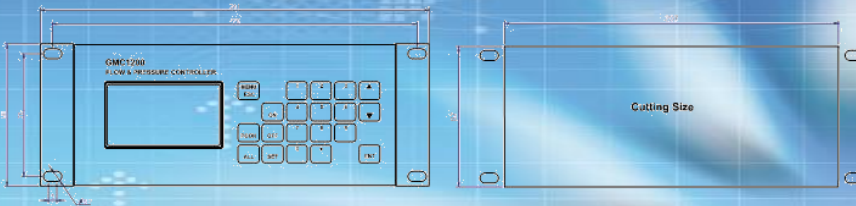
Pressure signal to display is 0 – 10 VDC only

Features & Benefits

- Microprocessor based Controller
- 16 bit Bipolar A/D Converter used
- Displaying by graphic LCD(128*64 dot)
- User selectable Flow and Pressure units
- User friendly numeric button data input
- Maximum 8 channel MFC control out (2,4,6,8 channel available)
- Gas mixing ratio function
- Accumulation function
- Automatic upstream pressure control function
- RS-232C PC Interface , TTL flow On/Off Command available
- CE Mark compliant

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Dimensions



Specifications

Physical	
Width	241 mm - Half Rack Mounting ears
Height	88 mm - 2 U Rack
Depth	200 mm
Weight	Approx. 1.5kg ~ 2kgs (Depends on options)
Electrical	
Input Power	195 ~ 265VAC @50/60 Hz 85VA (max) – default 98 ~ 135VAC @50/60 Hz 85VA - Optional
Fuse rating	250 VAC @3 A
Output Power	+/- 15VDC ±5% @2.7A
Operating Temperature	0 ~ 50°C
Input Signal	0 ~ 5.000VDC for MFC 0 ~ 10.000VDC for Capacitance Manometer
Output Signal	0 ~ 5.000VDC for MFC Flow Command
Display Window	128*64 dot Graphic LCD
Display Units	sccm, slm for MFC, Torr for CM
Interface	RS-232C PC Interface, TTL flow On/Off Interface

NOVA
Analitik Sistemler

Atatürk Mah. Sedef Sitesi 4 Blok Daire:1 Ataşehir / İSTANBUL
Tel: 0216 455 66 40 Faks: 0216 455 66 41
www.novaanalitik.com info@novaanalitik.com

ATOVAC
주식회사 아토백

176-11 , Mapeong-dong , Cheoin-gu
Yongin-Si, Kyonggi-Do, Korea . Zip code : 449-928
Tel : 82-31-526-0526
Fax : 82-70-8650-0526
Web site : <http://www.atovac.com>
E-mail : atovac@atovac.com