



Model 8274

Multiple Channel Mass Flow Controller System



Description

This unit allows the independent monitoring and control of up to four mass flow controllers in use. The system continuously and simultaneously adjusts to maintain the preset point for each gas flow rate. The individual setpoint and flow rates can be indicated on the digital readout by positioning the selector switch to the desired controller. The control system includes an eight position (four read and four set) selector switch, a 0 to 100% of range digital display (only one channel can be read at a time), individual override control valve switches, flow potentiometers for setting flow rate, a power cord and four individual cables for the controllers. Also standard are high and low alarm setpoints selected by the user.

It is not necessary to employ all four channels on the initial system. Positions may be reserved for future expansion of the system. Each individual channel requires a Model 8272 or 8273 Series controller transducer, which must be ordered separately.

Ordering Information

Model Number	Description
8274	Multiple Mass Flow Controller System

Options

Model Number	Description
8292	230 VAC
8274-8294	8274 w/ 4-20 mA Output

Specifications

Voltage Input:	115 VAC, 40 Watts
Signal Voltage Output:	0-5 VDC
Cable Lengths	
Power Cord:	6 ft
Signal Cable:	8 ft
Alarm Contacts	
(Each Channel):	1 amp at 30 VDC maximum
Rack Mounting:	Full 19" rack
Shipping Weight:	13 lbs