

# ROD-4M

## 4 Channels Control Unit for Mass Flow Controllers



The ROD-4M Unit is a 4way digital instrument, with double display for each channel, to controlling MFCs working with voltage signals (0 - 5 Volts). The two displays give the possibility of monitoring simultaneously both reading and setpoint value. Value representation, which can be customised, can be displayed in absolute value or as a percentage of full scale. The instrument can work autonomously or can be inserted in a standard rack 19", 3U. The presence of a serial communication port RS-485 allows the user to have a full control over the instrument from a host PC, using a free dedicated software .

### TECHNICAL SPECIFICATIONS

Display .....	2 LED displays, 4 digit, 7 segments each channel
Analogue input .....	0-5 Volts (optional 4-20 mA)
Analogue output .....	0-5 Volts (optional 4-20 mA)
Power supply for MFC .....	+15 V @ 2 A; -15 V @ 2A
Resolution of reading/setpoint.....	12 bit
Accuracy.....	0,2%, $\pm 1$ digit
Relay output.....	250 V / 5 A max
Serial link .....	Bi-directional RS-485 standard, 9600 baud max
Primary power supply .....	230 (115) Vac, 50/60 Hz $\pm 10\%$ ; 20 VA
Dimensions (WxHxD).....	440 x 129 x 270 mm