

## 4-Channel Digital Readout with Integrated Power Supply



The Model 400 can be rack mounted or simply used as a bench-top instrument. It is packaged in a standard half-rack housing which provides excellent EMI/RFI shielding and good heat dissipation characteristics. The transducers are connected to the 15-pin type-D standard electrical connector and accessory signals are accessed via other electrical connectors at the rear of the instrument.



The Model 400 is a 4-channel stand-alone microprocessor-based configurable digital indicator and power supply capable of interfacing directly to analog mass flow meters, mass flow controllers, or pressure transducers. The instrument configuration and control can be done from the front panel keypad or via the RS-232C or RS-485 interface.

### Electrical Connector Pin-outs

Transducer	Analog Output
1 Signal Common	See manual
2 Signal Input	
3 Ground	<b>Alarms</b>
4 Valve Open	See manual
5 Set-point Com	
6 -15VDC	<b>RS232</b>
8 Set-point Signal	See manual
9 Ground	
10 Ground	<b>RS485 x 2</b>
12 Valve Off	See manual
13 +15VDC	

### Instrument Specifications

Signal Input:	0-5VDC or 0-10VDC or 4-20mADC
Channels:	4
Display:	4-20 char backlit LCD
Totalizer:	Yes for each channel (for flow rates)
Ranges:	Fully Configurable
A/D Accuracy:	+/- 0.05% FS (voltage)*
Resolution:	16 bit
User Zero:	Yes via Menu
Set-point Out:	0-5VDC or 0-10VDC or 4-20mADC
Power Output:	+/- 15VDC @ 250mA each channel*
Input Power:	115VAC (other user selectable)*
RS232C:	Yes
RS485:	Yes
Warranty:	1 Year parts and labour

\* See CCR for other options

### For Technical Assistance

CCR Process Products Phone 613-591-9700  
 200 Terence Matthews Cr. Fax 613-591-3111  
 Kanata, Ontario K2M 2C6 info@ccrprocessproducts.com  
 www.ccrprocessproducts.com