



MULTILOAD II+

Integrated Flow Controller

FLOW CONTROL MODULE II (FCMII) DATA SHEET | v12.22

FCM Types							
	Meter Module w/ Digital & Analog I/O	Meter Module w/ Digital I/O	6AC Inputs, 180-250	6AC Inputs, 90-140	6AC Outputs	6DC Inputs	6DC Outputs
	1774	1732	1717	1770	1771	1772	1773
Inputs and Outputs							
AC OUT	4	4			6		
AC IN			6	6			
DC OUT							6
DC IN (high-speed)	4	4				6	
Included meter pulses	2	2					
12Vdc Source	1	1					
RTD Input	1						
Analog IN	4						
Analog OUT	1						
Other Specifications							
Power supply	19-36 Vdc (100mA Max)						
Ambient temperature	-40°C to 60°C / -40°F to 140°F						
Environmental ratings	open equipment to be placed in a suitable type 4/IP65 or better enclosure						
Approvals	US/Canada Listed	Class I, Division 2, Groups C & D, T4					
Dimensions	double • single	128,15x45,20x102,4mm // 5,05x1,78x4,03" • 128,15x22,60x102,4mm // 5,05x0,89x4,089"					
Electrical Ratings							
AC Outputs	250 Vac - 350mA max - 6K Cycles, Pilot duty						
DC Inputs	30 Vdc - SELV - Limited Energy - Max Meter Input Frequency : 1-5000Hz						
Analog Outputs	4-20 mA- SELV- Limited energy						
Analog Inputs	RTD, 4-20mA - SELV-Limited energy						
AC Inputs	250 Vac max, optically isolated						
DC Outputs	30 Vdc - 250 mA max- 6K cycles, pilot duty						
12Vdc Source	150mA max						
Communication							
Multiloader II RCU	RS485(4 wire) proprietary protocol						
FCM's	Communication (RS485) is bussed between FCM's						



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Features

- ✓ Any I/O combination is possible; Modular and flexible up to 32 FCMs
- ✓ Power supply and serial communication (RS485) is bussed between FCM's via side connector
- ✓ Split architecture is possible
- ✓ Signal separation (AC\DC)
- ✓ Pluggable industrial connectors for wire connections
- ✓ Easy change out of Modules
- ✓ Address configuration: front panel dip switches
- ✓ Module status indication: front panel led lights (power, communication, input/output status)
- ✓ Module inputs and outputs are color coded to indicate the types. They help users with easy detection and identification.

