

250E Gas Inlet Pressure/Flow Control Module Pin-outs

Valve Connector

Pin	Description
1*	Voltage High
2*	Voltage Low (Chassis)
3	Chassis Ground
4	No Connection
5	No Connection
6**	Current High
7**	Current Low
8	No Connection
9	Chassis Ground
*	For Piezoelectric type valves
**	For Solenoid type valves

Input Connector

Pin	Description
1	(+) Pressure Input
2	Reserved
3	D.C. signal Output (0 to 10 VDC) Duplicate of transducer signal
4	Signal Return (Analog Ground)
5	Reserved
6	Reserved
7	Reserved
8	(-) Input (Connect to Analog Ground (Pin 12) at input source)
9	Reserved
10	Reserved
11	±15 V Output
12	Power Supply Ground (Analog Ground)
13	-15 V Output
14	Chassis

Interface Connector

Pin	Description
1	(+) Set Point
2	Reserved
3	Digital Ground (Common for Manual and Close)
4	Manual (Connect to Pin 3 to put in Manual)
5	Close (Connect to Pin 3 to put in Close)
6*	Controller Output (0 to 10 Volts - used for pump speed control)
7	Reserved
8	(-) Set Point (Connect to analog ground (Pin 12) at input source)
9*	Pressure Control Signal (PCS) (10 V Full Scale)
10*	D.C. Signal (0 to 10 Volts) Duplicate of transducer signal
11	+15 V Output
12	Power Supply Ground (Analog Ground)
13	-15 V Output
14	Chassis
*	Items are on standard and DVM models