

# 247D Four Channel Power Supply/Readout Pin-outs

Interface Connector P6  
(Channels 1 to 4)

Pin	Description
1	Signal Ground
2	Ch. 1 Transducer Output
3	Ch. 1 Scaled Output
4	Ch. 1 Set Point Input
5	Ch. 2 Set Point Input
6	Ch. 3 Set Point Input
7	Ch. 4 Set Point Input
8	Digital Ground
9	Power Ground
10	Ch. 2 Flow ON/OFF Input
11	Ch. 3 Flow ON/OFF Input
12	Ch. 1 Flow ON/OFF Input
13	Ch. 4 Flow ON/OFF Input
14	Ch. 2 Transducer Output
15	Ch. 2 Scaled Output
16	Ch. 3 Transducer Output
17	CH. 3 Scaled Output
18	Ch. 4 Transducer Output
19	Ch. 4 Scaled Output
20	No Connection
21	No Connection
22	No Connection
23	No Connection
24	No Connection
25	Chassis Ground

Interface Connector P5  
(Channel 1)

Pin	Description

1	Signal Ground
2	Ch. 1 Scaled Output
3	Digital Ground
4	Power Ground
5	No Connection
6	Ch. 1 Transducer Output
7	External Ratio Set Point Input
8	Ratio Output Voltage
9	Chassis Ground

### MFC Interface Connectors

(J1-J4)

Pin	Description
1	No Connection
2	Flow Input Signal
3	No Connection
4	No Connection
5	Power Ground
6	-15 Volts
7	+15 Volts
8	Set Point Output Signal
9	No Connection
10	Input Stage Output
11	No Connection
12	Signal Ground
13	No Connection
14	No Connection
15	Chassis Ground