

1253 Throttle Valve Controller Pin-outs

J2 Power Connector

Pin	Description
1	+15 to +30 VDC Power Supply Input (also connects to J1 Pin #12)
2	Power Supply Common (also connects to J1 Pin #11)
3	-15 VDC (external supply to transducer) (also connects to J1 Pin #21)
4	Pressure Signal Common (also connects to J1 Pin #13)
5	Pressure Signal Input (also connects to J1 Pin #20)
6	Limit-switch Common (also connects to J1 Pin #24)
7	Open Limit-switch Output (also connects to J1 Pin #22)
8	Close Limit-switch Output (also connects to J1 Pin #23)
9	Chassis Ground (also connects to J1 Pin #1 & 25)

J1 Input Connector

Pin	Description
1	Chassis Ground (also connects to J2 Pin #9)
2	Tx (RS-232)
3	RxD (RS-232)
4	No Connection
5	No Connection
6	No Connection
7	Digital Common
8	+5 VDC Output (powers portable terminal)
9	Set Point Input (Hi side)

10	Set Point Return (Lo side)
11	Power Supply Common (also connects to J2 Pin #2)
12	+15/30 V Power Supply Input (also connects to J2 Pin #1)
13	Pressure Signal Common (Lo) (also connects to J2 Pin #4)
14	No Connection
15	No Connection
16	No Connection
17	No Connection
18	Manual Close Command Line
19	Manual Open Command Line
20	Pressure Signal Input (Hi side) (also connects to J2 Pin #5)
21	-15 VDC (External supply to transducer) (also connects to J2 Pin #3)
22	Open Limit-switch Output (also connects to J2 Pin #7)
23	Close Limit-switch Output (also connects to J2 Pin #8)
24	Limit-switch Common (also connects to J2 Pin #6)
25	Chassis Ground (also connects to J2 Pin #9)

J3 Valve Connector - Please consult factory