

153 Exhaust Throttle Valve 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	Pressure Output
5	Pressure/Valve Position Return
6	Valve Position Output
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	Control Type (Pressure/Position) Override Pull LOW to override dipswitch 8; Float HIGH for no override (default)
16	No Connection
17	Pressure/Valve Position Return
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)

This information is subject to change without notice.