## **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)

10Set Point Return (Lo side)11Power Supply Common (also connects to J2 Pin #2)12+15/30 V Power Supply Input (also connects to J2 Pin #1)13Pressure Signal Common (Lo) (also connects to J2 Pin #4)14No Connection15Control Type (Pressure/Position) Override Pull LOW to override dipswitch 8; Float HIGH for no override (default)16No Connection17Pressure/Valve Position Return18Manual Close Command Line19Manual Open Command Line20Pressure Signal Input (Hi side) (also connects to J2 Pin #5)21-15 VDC (External supply to transducer) (also connects to J2 Pin #3)22Open Limit-switch Output (also connects to J2 Pin #8)23Close Limit-switch Output (also connects to J2 Pin #8)24Limit-switch Common (also connects to J2 Pin #9)		
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<ul><li>(also connects to J2 Pin #6)</li><li>Chassis Ground</li></ul>		(also connects to J2 Pin #8)
25 Chassis Ground	24	Limit-switch Common
		(also connects to J2 Pin #6)
(also connects to J2 Pin #9)	25	Chassis Ground
		(also connects to J2 Pin #9)

This information is subject to change without notice.