

# 683 Smart Exhaust Throttle Valve Pin-outs

## Digital Communications Connector

5-pin male micro-style connector

Pin	Description
1	Drain
2	V+
3	V-
4	CAN_H
5	CAN_L

## Auxiliary Connector Pinout

15-pin female Type "D" connector

Pin	Description
1	Reserved
2	Input Pressure Signal (high)
3	Reserved
4	Digital Ground
5	24 Volt Power Return
6	±15 Volt Power Return
7	±24 Volt Power Input
8	No Connection
9	Relay Common
10	+15 Volt Input
11	-15 Volt Input
12	Pressure Input Signal (low)
13	Relay - Discrete Output #1
14	Relay - Discrete Output #1
15	Chassis Ground

## Analog Sensor Connector

9-pin female Type "D" connector

Pin	Description
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1	Pressure Input Signal (high)
2	+15 Volts <i>(pass through from Auxiliary Connector Pin #10)</i>
3	-15 Volts <i>(pass through from Auxiliary Connector Pin #11)</i>
4	+24 Volt Power Output
5	No Connection
6	No Connection
7	No Connection
8	Pressure Signal Input (low)
9	Sensor Power Return