

# MKS 1150 and 1152 Mass Flow Controller Pin-outs

## Power (J9) Connector

Pin	Description
1	+15 VDC Input
2	No Connection
3	-15 VDC Input
4	Temperature Relay (N.O.)
5	Temperature Relay Common
6	Chassis
7	Chassis
8	Temperature Relay (N.C.)
9	Power Common

## Signal (J15) Connector

1	Valve Test Point
2	Flow Signal Output
3	Valve Close Override
4	Valve Open Override
5	Power Common
6	-15 VDC
7	+15 VDC
8	Set Point Input
9	Temperature Output
10	Optional Input
11	Signal Common
12	Signal Common
13	P1 Test Point
14	P2 Test Point (1152 only)
15	Chassis Ground.