

1179, 2179, and 1479 Mass Flow Controller Pin-outs

9-pin Type "D" Connector

Pin	Description
1	Valve Open/Close
2	Flow Signal Output
3	+15 VDC
4	Power Common
5	-15 VDC
6	Set Point Input
7	Signal Common
8	Signal Common
9	MKS Test Point

20-pin Edge Card

Pin	Description
1	Chassis Ground.
2	Power Supply Common
3	Flow Output (0 to +5 VDC)
4	+ 15 VDC
5	Optional Output
6	No Connection
7	Key
8	No Connection
9	No Connection
10	Signal Common
A	Set Point Input (0 to +5 VDC)
B	Signal Common
C	Signal Common
D	Valve Open (TTL low)
E	No Connection
F	-15 VDC
H	Key

J	MKS Test Point
K	No Connection
L	Valve Close (TTL low)

15-pin Type "D"

Pin	Description
1	MKS Test Point
2	Flow Signal Output
3	Valve Close (TTL low)
4	Valve Open (TTL low)
5	Power Supply Common
6	-15 VDC
7	+15 VDC
8	Set Point Input
9	No Connection
10	Optional Input
11	Signal Common
12	Signal Common
13 to 14	No Connection
15	Chassis Ground.