

Motor Connector Axis 1

Pin	Function
A	Video Input
B	GND
C	Encoder Ph A, TTL
D	Encoder Ph B, TTL
E	Limit A, TTL
F	Limit B, TTL
G	Servo Output
H	Motor +
J	Motor -
K	GND
L	+12V @ 0.25A max
M	GND
N	+5V @ 0.5A max
P	GND
R	Temperature (PT100) Sensor A
S	GND
T	Temperature(PT100) Sensor B
U	GND
V	Temperature(PT100) Sensor C

Manufacturer: Amphenol (www.amphenol.com)

Part Number: 62GB-16F14-19PN

Motor Connector Axis 2

Pin	Function
A	Video Input
B	GND
C	Encoder Ph A, TTL
D	Encoder Ph B, TTL
E	Limit A, TTL
F	Limit B, TTL
G	Servo Output
H	Motor +
J	Motor -
K	GND
L	+12V @ 0.25A max
M	GND
N	+5V @ 0.5A max
P	GND
R	Temperature (PT100) Sensor A
S	GND
T	Temperature(PT100) Sensor B
U	GND
V	Temperature(PT100) Sensor C

Manufacturer : Amphenol (www.amphenol.com)

Part Number: 62GB-16F14-19PN

Power/Comms Connector

Pin	Function
A	Ethernet, Tx-
B	Ethernet, Tx+
C	Reserved, Do not use
D	Reserved, Do not use
E	Reserved, Do not use
F	Reserved, Do not use
G	Ethernet, Rx-
H	Ethernet, Rx+
J	+24VDC Input
K	+24VDC Input
L	0VDC Input
M	0VDC Input

Manufacturer: Amphenol (www.amphenol.com)

Part Number: 62GB-16F14-12SN

Probe Connector 1

Pin	Element	Pin	Element
A1	1	P1	33
A2	2	P2	34
A3	3	P3	35
A4	4	P4	36
A5	5	P5	37
A6	6	P6	38
A7	7	P7	39
A8	8	P8	40
B1	GND	N1	GND
B2	GND	N2	GND
B3	GND	N3	GND
B4	GND	N4	GND
B5	GND	N5	GND
B6	GND	N6	GND
B7	GND	N7	GND
B8	GND	N8	GND
C1	9	M1	41
C2	10	M2	42
C3	11	M3	43
C4	12	M4	44
C5	13	M5	45
C6	14	M6	46
C7	15	M7	47
C8	16	M8	48
D1	GND	L1	GND
D2	GND	L2	GND
D3	GND	L3	GND
D4	GND	L4	GND
D5	GND	L5	GND
D6	GND	L6	GND
D7	GND	L7	GND
D8	GND	L8	GND
E1	17	K1	49
E2	18	K2	50
E3	19	K3	51
E4	20	K4	52
E5	21	K5	53
E6	22	K6	54
E7	23	K7	55
E8	24	K8	56
F1	25	J1	57
F2	26	J2	58
F7	27	J7	59
F8	28	J8	60
G1	29	H1	61
G2	30	H2	62
G7	31	H7	63
G8	32	H8	64

Manufacturer: ITT Cannon (www.ittcannon.com)

Part numbers: 127050 -0212, 112137-0000, 204-0016-000, 249-4517-000, 0302410-003

Probe Connector 2

Pin	Element	Pin	Element
A1	1	P1	33
A2	2	P2	34
A3	3	P3	35
A4	4	P4	36
A5	5	P5	37
A6	6	P6	38
A7	7	P7	39
A8	8	P8	40
B1	GND	N1	GND
B2	GND	N2	GND
B3	GND	N3	GND
B4	GND	N4	GND
B5	GND	N5	GND
B6	GND	N6	GND
B7	GND	N7	GND
B8	GND	N8	GND
C1	9	M1	41
C2	10	M2	42
C3	11	M3	43
C4	12	M4	44
C5	13	M5	45
C6	14	M6	46
C7	15	M7	47
C8	16	M8	48
D1	GND	L1	GND
D2	GND	L2	GND
D3	GND	L3	GND
D4	GND	L4	GND
D5	GND	L5	GND
D6	GND	L6	GND
D7	GND	L7	GND
D8	GND	L8	GND
E1	17	K1	49
E2	18	K2	50
E3	19	K3	51
E4	20	K4	52
E5	21	K5	53
E6	22	K6	54
E7	23	K7	55
E8	24	K8	56
F1	25	J1	57
F2	26	J2	58
F7	27	J7	59
F8	28	J8	60
G1	29	H1	61
G2	30	H2	62
G7	31	H7	63
G8	32	H8	64

Manufacturer: ITT Cannon (www.ittcannon.com)

Part numbers: 127050 -0212, 112137-0000, 204-0016-000, 249-4517-000, 0302410-003

15 Way D-Type Pinout

Pin No.	Encoder / Video Mode	Potentiometer Mode	Stepper Motor Mode
1	Video I/P (1Vpp)	Video I/P (1Vpp)	Video I/P (1Vpp)
2	+5V (100mA max)	+5V (100mA)	+5V (100mA)
3	Axis 2, Limit Input B	Axis 2, Limit B	Axis 2, Limit B
4	Axis 2, Encoder Phase B	Axis 2, Potentiometers Vin-	Axis 2, Stepper Direction O/P
5	GND	GND	GND
6	Axis 1 Servo O/P	Axis 1, Vref. (2.5V)	Axis 1 Vref(2.5V)
7	Axis 1, Limit A	Axis 1, Limit A	Axis 1, Limit A
8	Axis 1, Encoder Phase A	Axis1, Potentiometer Vin+	Axis 1, Stepper Pulse O/P
9	GND	GND	GND
10	Axis 2, Servo O/P (+/1Vpp @ 25mA)	Axis 2, Vref. (2,5V)	Axis 2, Vref(2.5V)
11	Axis 2, Limit A	Axis 2,Limit A	Axis 2, Limit A
12	Axis2, Encoder Phase A	Axis 2, Potentiometer Vin+	Axis 2, Stepper Pulse O/P
13	+5V (100mA Max)	+5V (100mA)	+5V (100mA)
14	Axis 1, Limit B	Axis 1, Limit B	Axis 1, Limit B
15	Axis 1, Encoder Phase B	Axis 1, Potentiometer Vin-	Axis 1, Stepper Direction O/P

Manufacturer: Harting (www.harting.com)

Part Number: Lorlin SDP15Z with housing (STD D-Type)