

# TD SCAN PINOUTS

## 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 Camera
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](http://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	Emergency Stop, Normally Open
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](http://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](http://www.amphenol.com) )  
Part Number: 62GB-16F14-12SN

### **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	Axis 1, 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	Axis 2, 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](http://www.harting.com) )  
Part Number: Lorlin SDP15Z with housing (STD D-Type)