

TD POCKET-SCAN PS45 PINOUTS

15 Way D-Type

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 Vm-	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 Vm+	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 Vm+	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 Vm-	Axis 1, Stepper Direction O/P

Manufacturer: Harting (www.harting.com)

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

9 Way D-Type (Power and Comms)

Pin No.		Pin No.	Encoder Mode
1	Signal GND	6	Reserved
2	Data Comms. TD-	7	Reserved
3	Data Comms. TD+	8	Reserved
4	+PSU : +6 to 12.5V	9	Reserved
5	-PSU : 0V		