

TO TOOL SLED J-BOX

P5

Micro P10-3, Sht 2	RS232 COM (Tool Micro)	BRN	24 AWG	1
Micro P10-1, Sht 2	RS232 RX (Tool Micro)	WHT/BLU	24 AWG	2
Micro P10-2, Sht 2	RS232 TX (Tool Micro)	WHT/GRN	24 AWG	3
Micro P2-2, Sht 2	24V Return (Tool Micro)	BLK	20 AWG	4
Micro P2-1, Sht 2	+24V (Tool Micro)	VIO	20 AWG	5
C10-1, Sht 1	24V Return (Cam 1)	BLK	20 AWG	6
C10-2, Sht 1	+24V (Cam 1)	VIO	20 AWG	7
C10-3, Sht 1	Video (Cam 1)	COAX		8
C10-4, Sht 1	Video Shd (Cam 1)	COAX		9
C11-1, Sht 1	24V Return (Cam 2)	BLK	20 AWG	10
C11-2, Sht 1	+24V (Cam 2)	VIO	20 AWG	11
C11-3, Sht 1	Video (Cam 2)	COAX		12
C11-4, Sht 1	Video Shd (Cam 2)	COAX		13
C7-3, Sht 1	24V Return (Sci Port 1, Manip)	BLK	20 AWG	14
C7-4, Sht 1	24V Return (Sci Port 1, Manip)	BLK	20 AWG	15
C7-1, Sht 1	+24V (Sci Port 1, Manip)	VIO	20 AWG	16
C1-2, Sht 1	+12V (O2 Pump)	ORG	20 AWG	17
P4-1, Sht 2	12V Ret (O2 Pump)	BLK	20 AWG	18
P4-2, Sht 2	24V Return (DVL)	BLK	20 AWG	19
C9-7, Sht 1	+24V (DVL)	VIO	20 AWG	20
C9-3, Sht 1	RS232 RX (DVL)	WHT/BLU	24 AWG	21
C9-2, Sht 1	RS232 TX (DVL)	WHT/GRN	24 AWG	22
C9-1, Sht 1	RS232 COM (DVL)	BRN	24 AWG	23
C9-4, Sht 1	RS232 RX (Sci Port 2, SS Mtr)	WHT/BLU	24 AWG	24
C8-5, Sht 1	RS232 TX (Sci Port 2, SS Mtr)	WHT/GRN	24 AWG	25
C8-6, Sht 1	RS232 COM (Sci Port 2, SS Mtr)	BRN	24 AWG	26
C8-7, Sht 1	RS232 RX (Sci Port 1, Manip)	WHT/BLU	24 AWG	27
C7-6, Sht 1	RS232 TX (Sci Port 1, Manip)	WHT/GRN	24 AWG	28
C7-5, Sht 1	RS232 COM (SCI PORT 1, Manip)	BRN	24 AWG	29
C7-7, Sht 1		WHT	20 AWG	30
		WHT	20 AWG	31
	RS232 RX (Sci Port 3, SS Pump/Drw Mtr)	WHT/BLU	24 AWG	32
	RS232 TX (Sci Port 3, SS Pump/Drw Mtr)	WHT/GRN	24 AWG	33
	RS232 COM (SCI PORT 3, SS Pump/Drw Mtr)	BRN	24 AWG	34
	RS232 RX (Sci Port 4)	WHT/BLU	24 AWG	35
	RS232 TX (Sci Port 4)	WHT/GRN	24 AWG	36
	RS232 COM/DC RETURN (Sci Port 4)	BRN	20 AWG	37
	+24V (Sci Port 4)	VIO	20 AWG	38
	+12V (Sci Port 4)	ORG	20 AWG	39
	Frame Gnd	GRN	24 AWG	40
	375V Return (Tool)	BLK	20 AWG	41
		WHT	20 AWG	42
	+375V (Tool)	RED/YEL	20 AWG	43
				44

MINO-44-FCR-PBOF

Connects to H4,
Sheet 1

H3

1
2
3
4
5

Frame Gnd, Sht 4
TS1-Vin-, Sht 4
TS1-Vin+, Sht 4

Molex



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