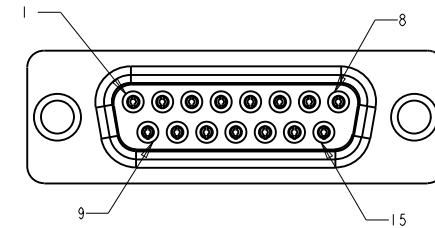


540-2004-00

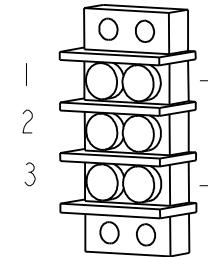
ION 8650 RETROFIT JEM CABLE CONNECTIONS (SUSI # SW11JL_-JEM-M8650)							
CABLE ID	ION 8650 DESCRIPTION	INTERNAL PLUG	PIN	WIRE COLOR	EXTERNAL PLUG	PIN	JEM2 SIGNALS
CABLE 1	AUX POWER GRND	P1	33	GREEN	CRADLE	GND	
CABLE 2	AUX POWER L (+)	P1	35	RED	P8	1	AUX POWER L (+)
CABLE 2	AUX POWER N (-)	P1	34	BLACK	P8	3	AUX POWER N (-)
CABLE 3	ETHERNET-TXP	P1	28	BLUE	P7	1	NA
CABLE 3	ETHERNET-TXN	P1	27	WHITE	P7	2	NA
CABLE 3	ETHERNET-RXP	P1	26	YELLOW	P7	3	NA
CABLE 3	ETHERNET-RXN	P1	25	ORANGE	P7	6	NA
CABLE 4	OUTPUT C4-Y	P4	11	BLUE	P3	1	Y4
CABLE 4	OUTPUT C4-K	P4	12	BROWN	P3	2	K4
CABLE 4	OUTPUT A1-Y	P4	14	YELLOW	P3	3	Y5
CABLE 4	OUTPUT C3-K	P4	7	WHITE	P3	4	K3
CABLE 4	OUTPUT C3-Z	P4	8	RED	P3	5	Z3
CABLE 4	OUTPUT C2-Y	P4	5	ORANGE	P3	6	Y2
CABLE 4	OUTPUT C1-K	P4	1	BLACK	P3	7	K1
CABLE 4	OUTPUT C1-Z	P4	2	WHITE	P3	8	Z1
CABLE 4	OUTPUT C4-Z	P4	9	GREEN	P3	9	Z4
CABLE 4	OUTPUT A1-K	P4	13	GRAY	P3	10	K5
CABLE 4	OUTPUT C3-Y	P4	10	YELLOW	P3	12	Y3
CABLE 4	OUTPUT C2-K	P4	6	BLUE	P3	13	K2
CABLE 4	OUTPUT C2-Z	P4	3	RED	P3	14	Z2
CABLE 4	OUTPUT C1-Y	P4	4	GREEN	P3	15	Y1
CABLE 5	IRIG-B +	P4	17	BROWN	P2	1	NA
CABLE 5	IRIG-B -	P4	18	ORANGE	P2	2	REQUEST TO SEND
CABLE 5	INPUT SCOM	P4	15	GRAY	P2	14	NA
CABLE 5	INPUT S1	P4	16	BLACK	P2	15	NA
CABLE 6	COM1 RS-232 TXD	P1	7	GRAY	P2	3	TRANSMIT DATA
CABLE 6	COM1 RS-485 DATA+	P1	11	PURPLE	P2	4	NA
CABLE 6	COM1 RS-485 DATA -	P1	12	BROWN	P2	5	NA
CABLE 6	COM4 RS-485 DATA +	P1	1	RED	P2	6	NA
CABLE 6	COM4 RS-485 DATA -	P1	2	BLACK	P2	7	NA
CABLE 6	COM1 RS-485 SHIELD	P1	13	GREEN	P2	8	NA
CABLE 6	COM1 RS-232 GRND	P1	10	TAN	P2	10	SIGNAL GRD
CABLE 6	COM1 RS-232 RXD	P1	6	PINK	P2	11	RECEIVE DATA
CABLE 6	MODEM-TIP	P1	29	BLUE	P2	12	NA
CABLE 6	MODEM-RING	P1	30	ORANGE	P2	13	NA
NONE					P3	11	Z5
NONE					P2	9	DATA TERM READY

15 PIN D PLUG (P2 & P3)

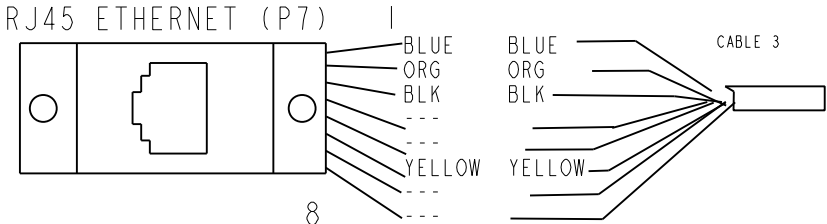


VIEW FROM BACK OF METER

3 POSITION POWER TERMINAL BLOCK (P8)



RJ45 ETHERNET (P7)



CONNECTORS PLUG

P1	36 PIN MOLEX PLUG	INTERNAL
P2	15 PIN D PLUG	EXTERNAL
P3	15 PIN D PLUG	EXTERNAL
P4	18 PIN MOLEX PLUG	INTERNAL
P5	18 PIN MOLEX RECEPTACAL	METER
P6	36 PIN MOLEX RECPTACAL	METER
P7	RJ-45 RECEPTACAL	EXTERNAL
P8	3 POWER TERMINAL BLOCK	EXTERNAL