

ION 8650 Retrofit Transdata (EMS 60E09H14SQR and 60E09H14SRX) Cable Connections (SUSI # SWIITS_-TM1-M8650 (#7B))

7/4/2018
650-2015-00-B

PCB / TB (22 pos)	Wire Length	Function	Cable ID	ION 8650 Description	Internal Plug	Pin	Wire Color
1	10"	Y2	Cable 2	OUTPUT C2-Y	P2	5	ORANGE
2	10"	Y1	Cable 2	OUTPUT C1-Y	P2	4	GREEN
3	10"	K2	Cable 2	OUTPUT C2-K	P2	6	BLUE
4	9.5"	K1	Cable 2	OUTPUT C1-K	P2	1	BLACK
5	9.5"	Z2	Cable 2	OUTPUT C2-Z	P2	3	RED
6	9"	Z1	Cable 2	OUTPUT C1-Z	P2	2	WHITE
7	9"	Y4	Cable 2	OUTPUT C4-Y	P2	11	BLUE
8	8.5"	Y3	Cable 2	OUTPUT C3-Y	P2	10	Yellow
9	9"	K4	Cable 2	OUTPUT C4-K	P2	12	Brown
10	9"	K3	Cable 2	OUTPUT C3-K	P2	7	WHITE
11	9"	Z4	Cable 2	OUTPUT C4-Z	P2	9	GREEN
12	9"	Z3	Cable 2	OUTPUT C3-Z	P2	8	RED
13	7.5"	RS-232 RTS	Cable 1	COM1 RS-232 RTS	P1	9	BLUE
14 (RJ45-6)	7.5"	No Connection/RS232 TX	Cable 1	ETHERNET-RXN	P1	25	Brown
15	7.5"	RS-232 TX	Cable 1	COM1 RS-232 TXD	P1	7	Gray
16 (RJ-45-3)	7.5"	No Connection/RS232 TX	Cable 1	ETHERNET-RXP	P1	26	Purple
17	7.5"	RS-232 RX	Cable 1	COM1 RS-232 RXD	P1	6	Purple
18 (RJ45-2)	7"	No Connection/RS232 RX	Cable 1	ETHERNET-TXN	P1	27	Green
19	7.5"	RS-232 GND	Cable 1	COM1 RS-232 GRND	P1	10	Purple
20 (RJ45-1)	7.5"	No Connection/RS232 RX	Cable 1	ETHERNET-TXP	P1	28	Purple
21	7.5"	EXT Power	Cable 1	AUX Power L(+)	P1	35	Red
22	7.5"	EXT Power	Cable 1	AUX Power N(-)	P1	34	Black
Pin on back of case	9"	GND	Cable 3	AUX Power GND	P1	33	Green

Connectors		
P1	36 pin Molex connector	Internal
P2	18 pin Molex connector	Internal