

ION 8650 Retrofit Transdata Cable Connections (SUSI # SWIITS_-TM5-M8650 (#7F))

7/4/2018
650-2015-04-A

PCB / TB (22 pos)	Wire Length	Transdata 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 (RJ45-6)	9"	Y4	Cable 1	ETHERNET-RXN	P1	25	BROWN
8 (RJ45-2)	10"	Y3	Cable 1	ETHERNET-TXN	P1	27	GREEN
9	9"	K4	Cable 1	COM4 RS-485 +	P1	1	YELLOW
10 (RJ45-3)	10"	K3	Cable 1	ETHERNET-RXP	P1	26	PURPLE
11	9"	Z4	Cable 1	COM4 RS-485 -	P1	2	GREY
12 (RJ45-1)	9"	Z3	Cable 1	ETHERNET-TXP	P1	28	PURPLE
13	9"	RS232 RTS	Cable 1	COM1 RS-485 Sheild	P1	13	BLACK
14 (RJ11-3)	8"	Tip	Cable 1	MODEM TIP	P1	29	RED
15	8"	RS232 TX	Cable 1	COM1 RS-232 TXD	P1	7	GREY
16		EOI		NO CONNECTION			
17	9"	RS232 RX	Cable 1	COM1 RS-232 RXD	P1	6	PURPLE
18 (RJ11-4)	9"	Ring	Cable 1	MODEM RING	P1	30	GREEN
19	8"	RS232 Gnd	Cable 1	COM1 RS-232 GND	P1	10	PURPLE
20		EOI		NO CONNECTION			
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