

ION 8650 Retrofit Transdata Cable Connections (SUSI # SWIITS_-TM4-M8650 (#7E))

7/4/2018
650-2015-03-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	9"	T1	Cable 1	COM1 RS-485 Data +	P1	11	YELLOW
8	10"	T2	Cable 1	COM4 RS-485 Data +	P1	1	YELLOW
9	9"	R1	Cable 1	COM1 RS-485 Data -	P1	12	GREY
10	10"	R2	Cable 1	COM4 RS-485 Data -	P1	2	GREY
11	9"	SH1	Cable 1	COM1 RS-485 Shield	P1	13	BLACK
12	9"	SH2	Cable 1	COM4 RS-485 Shield	P1	13	BLACK
13		No Connection					
14 (RJ45-6)	8"	No Connection/RS232 TX	Cable 1	ETHERNET-RXN	P1	25	BROWN
15 (RJ45-2)	8"	No Connection/RS232 RX	Cable 1	ETHERNET-TXN	P1	27	GREEN
16 (RJ11-3)	9"	K4	Cable 1	MODEM TIP	P1	29	RED
17		No Connection					
18 (RJ11-4)	9"	Y4	Cable 1	MODEM RING	P1	30	GREEN
19 (RJ45-3)	8"	No Connection/RS232 TX	Cable 1	ETHERNET-RXP	P1	26	PURPLE
20 (RJ-45-1)	8"	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