

- 1 SIGNALS HAVE DIFFERENT FUNCTION
DEPENDING ON RS232 OR RS485

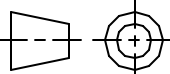

	RS232	RS485
AIJ7-19	N/A	OPER
↑ -8	TXD	TRES 1
↑ -20	RXD	BUS-
↑ -7	RTS	BUS+
↑ -3	N/A	TRES 2
↑ -22	DCD	AQ+
↓ -21	CTS	AQ-
AIJ7-16	DTR	RTS

































- 2 SIGNALS HAVE DIFFERENT FUNCTION
DEPENDING ON RS232 OR RS485

		RS232 MODULE	RS485 MODULE	RS232 CARD	RS485/AQ CARD	RS485 CARD
AIJ21-19	GRA		BUS+			
↑ -8	GRN	TXD	BUS+	TXD	TRES-	TRES-
↑ -20	BRN	RXD	BUS-	RXD	BUS-	BUS-
↑ -7	RED	RTS	RRTS	RTS	BUS+	BUS+
↑ -3	BLU		BUS-		TRES+	TRES+
↑ -22	ORN	DCD		DCD	AQ-	
↓ -21	YEL	CTS		CTS	AQ+	
AIJ21-16	VIO	DTR		DTR	RRTS	RRTS

REVISIONS

REV	ACTION	DRAWN	CHECKED	APPROVED	DATE
AA	R4171	KASTNER	HOLTSCLAW	HOLLAND	01-05-20
AB	D4028	KASTNER	KASTNER	HOLLAND	07/01/06
AC	D12411	KASTNER	KASTNER	HOLLAND	01/12/11

		ITEM NO.	PART NUMBER	DESCRIPTION/MATERIAL	REFERENCE/ZONE DESIGNATOR	UNIT MEAS
ASSEMBLY/QUANTITY						
PARTS LIST						
 <p>THIRD ANGLE PROJECTION</p>	<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES ARE: DECIMAL ANGULAR .XX ± ± .XXX ± ±</p> <p>BREAK ALL SHARP CORNERS AND EDGES DIMENSIONS APPLY BEFORE FINISH DO NOT SCALE DRAWING</p>		PRODUCT LINE	DATE	 <p>TOTALFLOW Products</p> <p>TITLE WIRING INTERCONNECT ELECT BD TO TERM BD WI</p>	
			TOTALFLOW ®			
			DESIGN			
			DRAWN			
			CHECKED			
		APPROVED		<p>SCALE SIZE UNIT TYPE DRAWING NO. REV SHEET</p> <p>NONE B WI 2012817 AC 1 of 2</p>		
		G. HOLLAND	01/03/20			

2015382- CB181	J21	2012803	2011772	2010054- 2010282-	J7	WI P1
RTD OUT	1	RTD OUT	RTD OUT	RTD OUT	1	1
RTD (-)	2	RTD (-)	RTD (-)	RTD (-)	2	2
	3				3	3
DI (+)	4	DI (+)	DI (+)	RMTS(+)	4	4
DO	5	AUX OUT	DO	OPER	5	5
PI +	6	PI +	PI		6	6
	7				7	7
	8				8	8
CHGR IN	9	CHGR IN	CHGR IN		9	9
12 SW	10	12 SW	12 SW	+12V SW	10	10
GND	11	GND	CHGR GND	GND	11	11
GND	12	GND	GND	GND	12	12
RTD (+)	14	RTD (+)	RTD (+)	RTD (+)	14	14
RTD IN	15	RTD IN	RTD IN	RTD IN	15	15
	16				16	16
DI (-)	17	DI (-)	DI (-)	RMTS(-)	17	17
V-BAT	18	V-BAT	V-BAT	V-BAT	18	18
	19				19	19
	20				20	20
	21				21	21
	22				22	22
PCCU DIN	23	PCCU DIN	PCCU DIN	DIN 2	23	23
PCCU DOUT	24	PCCU DOUT	PCCU DOUT	DOUT 2	24	24
GND	25	GND	PCCU GND	GND	25	25
PCCU GND IN	13	PCCU GND IN	PCCU GND IN	GND	13	13

**ELECTRONIC
BOARD**

A1

WI
2010183-001

WI P2	CPI		J1
A	B		
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
13	13	13	13

RTD OUT
RTD (-)
COMM (BLU)
REMOTE SENSE (+)
OPERATE
COMM (RED)
COMM XMIT (GRN)
EXT CHGR (+)
COMM +12 (WHT)
EXT CHGR (-)
COMM GND (BLK)
RTD (+)
RTD IN
COMM (VIO)
REMOTE SENSE (-)
V-BAT
COMM RCVR (BRN)
COMM (YEL)
COMM (DRN)
PCCU DIN
PCCU DOUT
PCCU GND
PCCU RETURN GND

ORIFICE 2010232-001	
25	GND
17	SHLD
12	SHLD
1	SHLD
13	RTD OUT
15	RTD (-)
8	BLU
18	RM (+)
22	OPER
21	
7	RED
5	GRN
24	CHGR(+)
4	WHT
23	CHGR(-)
3	BLK
14	RTD (+)
16	RTD IN
11	VIO
19	RM (-)
20	V-BAT
2	
6	BRN
10	YEL
9	DRN
J2	
2	DIN
1	DOUT
4	GND
3	RETURN GND

P1 2010232-003	
25	GND
17	SHLD
12	SHLD
1	SHLD
13	RTD OUT
15	RTD (-)
8	BLU
18	RM (+)
22	OPER
21	PI (+)
7	RED
5	GRN
24	CHGR(+)
4	WHT
23	CHGR(-)
3	BLK
14	RTD (+)
16	RTD IN
11	VIO
19	RM (-)
20	V-BAT
2	
6	BRN
10	YEL
9	DRN
J2	
2	DIN
1	DOUT
4	GND
3	RETURN GND

TERM BD W/CONN 2011901-001	
25	GND
17	SHLD
12	SHLD
1	SHLD
13	RTD OUT
15	RTD (-)
8	BLU
18	RM (+)
22	OPER
21	
7	RED
5	GRN
	(+)
4	WHT
	(-)
3	BLK
14	RTD (+)
16	RTD IN
11	VIO
19	RM (-)
20	V-BAT
2	
6	BRN
10	YEL
9	DRN
J2	
2	DIN
1	DOUT
4	GND
3	RETURN GND

J3
2
1

J2

TO
PCCU

2000073-XXX

SCALE	SIZE	UNIT TYPE	DRAWING NO.	REV	SHEET
NONE	B	WI	2012817	AC 2	OF