## TOTALFLOW Products

**Title**: Wiring Interconnect

**Model**: WI - FCU / AIU Term BD to IMV & UFLO Comm Term BD

**Drawing No.**: 2100995

**Rev.**: AF

### REVISIONS

<table>
<thead>
<tr>
<th>REV</th>
<th>ACTION</th>
<th>DRAWN</th>
<th>CHECKED</th>
<th>APPROVED</th>
<th>DATE</th>
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<td>BUSHNELL</td>
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<td>07/09/04</td>
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<td>KASTNER</td>
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<td>BUSHNELL</td>
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<td>ASHER</td>
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<td>07/01/04</td>
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### Notes:

1. **REMOVED**

2. **UFLO COMM TERM BD JUMPER POSITION**:

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>ELEK BD PART NUMBER</th>
<th>REFERENCE DESIGNATION</th>
<th>JUMPER POSITION</th>
<th>REMARKS</th>
<th>SH</th>
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<tbody>
<tr>
<td>RS-232 (CTS)</td>
<td>2100888-002</td>
<td>J2</td>
<td>2-3</td>
<td>W21 INSTALLED AT TB1-3. W22 NOT REQUIRED. JUMPER POSITION 2-3 IS THE DEFAULT POSITION</td>
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<td>RS-232 (DCD)</td>
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<td>J2</td>
<td>1-2</td>
<td>W22 INSTALLED AT TB1-3. W21 NOT REQUIRED. REPOSITION JUMPER FROM 2-3 TO 1-2</td>
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<td>RS-485</td>
<td>2100888-001</td>
<td>J2</td>
<td>2-3</td>
<td>JUMPER POSITION 2-3 IS THE DEFAULT POSITION</td>
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<td>RS-232 (CTS)</td>
<td>2101059-002</td>
<td>J2</td>
<td>2-3</td>
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<td>J2</td>
<td>2-3</td>
<td>JUMPER POSITION 2-3 IS THE DEFAULT POSITION</td>
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3. **TO ELIMINATE ANY POTENTIAL FOR SHORTING, ALL UNUSED WIRE ENDS SHOULD BE INDIVIDUALLY INSULATED AND SECURED.**
WIRING INTERCONNECT - FCU/AIU TERM BD TO IMV & UFLO COMM TERM PCBA RS-485

TERMINATION BD ASSY, FCU/AIU

P1 DB25 CONNECTOR

CABLE ASSY 2100965-001/-002

FCU/AIU TERM BD ASSY TO IMV

TB1

P2 CONNECTOR

PCCU D IN

PCCU D OUT

PCCU GND

PCCU RETURN GND

UFLO PCBA

2100767-XXX

2103082-XXX

UFLO G4

UFLO COMM TERM PCBA

2100888-001 (RS-485)

MMI_WIRING INTERCONNECT - FCU/AIU TERM BD TO IMV & UFLO COMM TERM PCBA RS-485

16  15  14  13  12  11  10  9  8  7  6  5  4  3  2  1

RTD N  RTD -  RTD +  RTD OUT

COMM (Bus)

REMOTE SENSE +

REMOTE SENSE -

OPERATE

VBATT

COMM (RED)

COMM RCVR (GRN)

COMM XMT (GRN)

COMM (YEL)

COMM (RED)

COMM (YEL)

COMM GND (GRN)

COMM GND (BLK)

EXT CHARGER +

COMM (GRN)

COMM + 12 (WHT)

EXT CHARGER -

COMM GND (BLK)

COMM GND (GRN)

COMM GND (YEL)

COMM GND (BLK)

COMM XMT (GRN)

COMM (YEL)

COMM (RED)

COMM RCVR (GRN)

COMM (RED)

COMM (YEL)

COMM (RED)

COMM (YEL)

COMM GND (GRN)

COMM GND (BLK)

COMM XMT (GRN)

COMM (YEL)

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COMM (YEL)
WIRING INTERCONNECT - FCU/AIU TERM BD TO IMV & UFLO COMM TERM PCBA WITH I/O RS-485