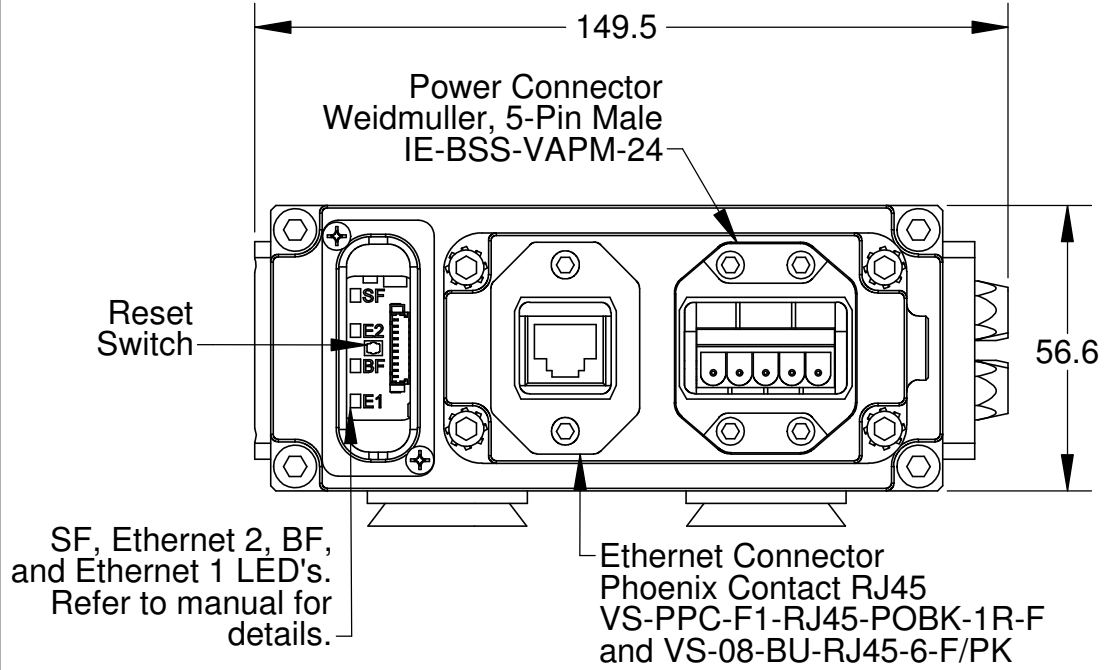
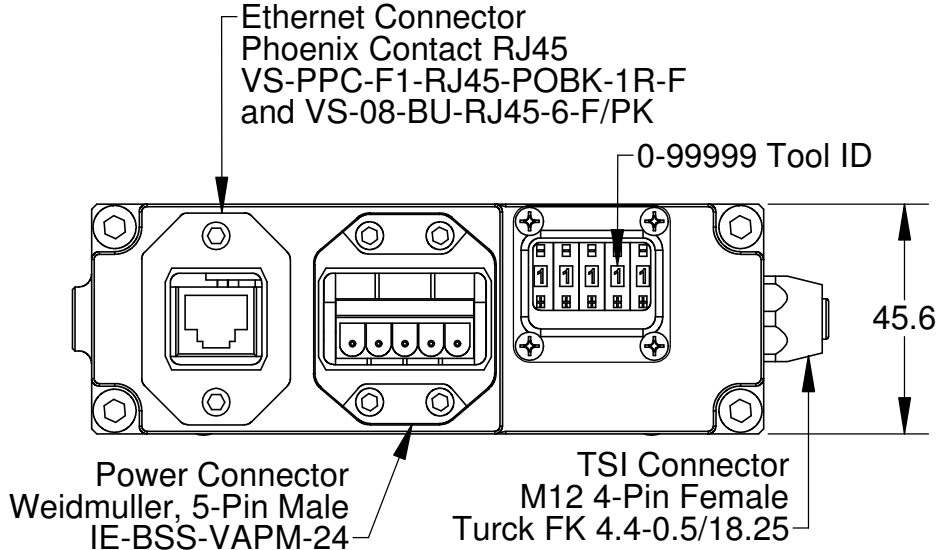
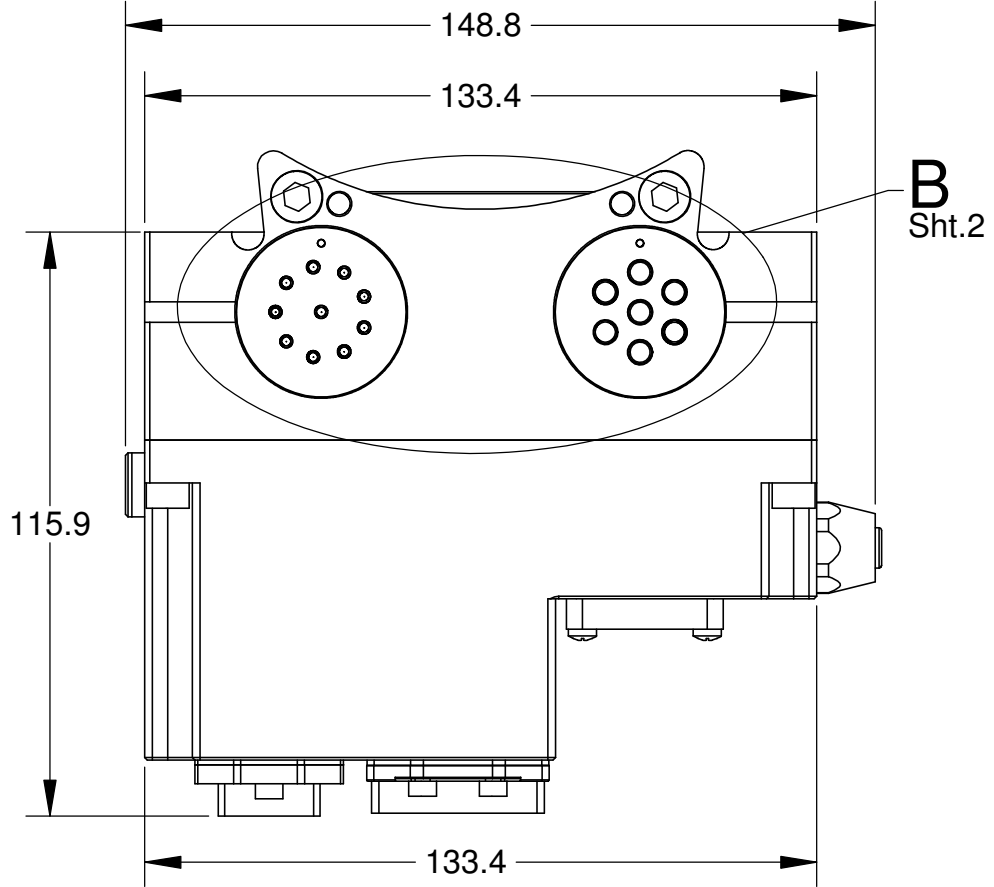
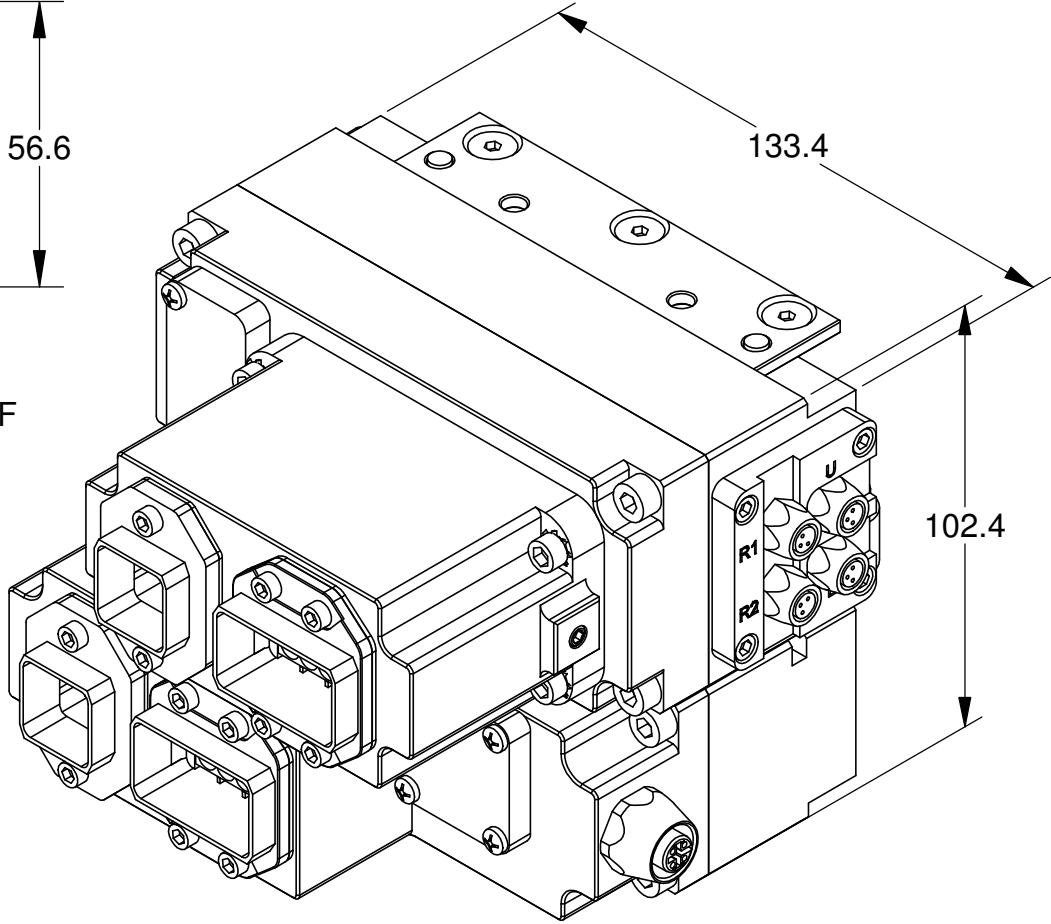
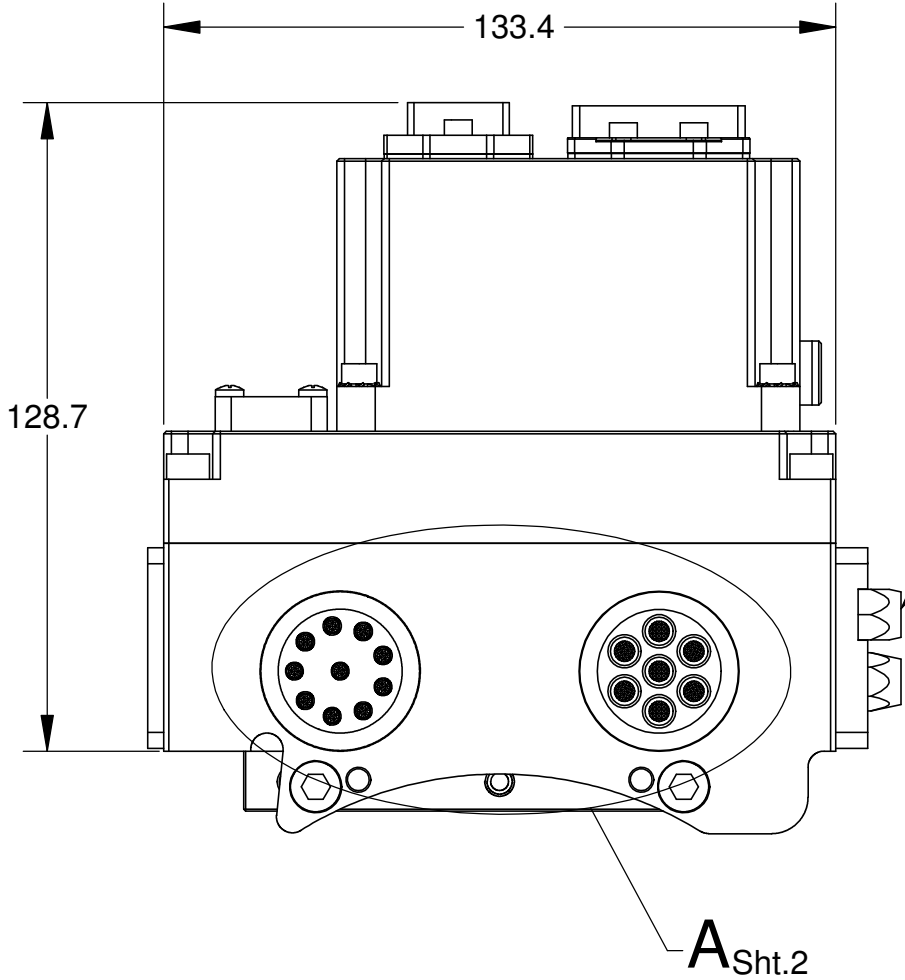


| Rev. | Description                                                            | Initiator | Date      |
|------|------------------------------------------------------------------------|-----------|-----------|
| 01P  | Initial design.                                                        | WB        | 7/13/11   |
| 02P  | Increased the overall height of the Master Module from 121.1 to 128.7. | WB        | 7/27/2011 |
| 03   | Release.                                                               | WB        | 9/7/2011  |



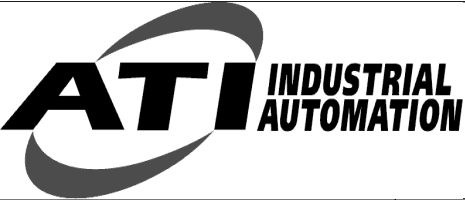
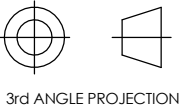
9121-DL4-M



9121-DL4-T

- Notes:
1. Pin block signal assignments shown on Sheet 2.
  2. Connector pin designations shown on Sheet 3.
  3. Electrical schematic of DL4 Master and Tool shown on Sheet 4.

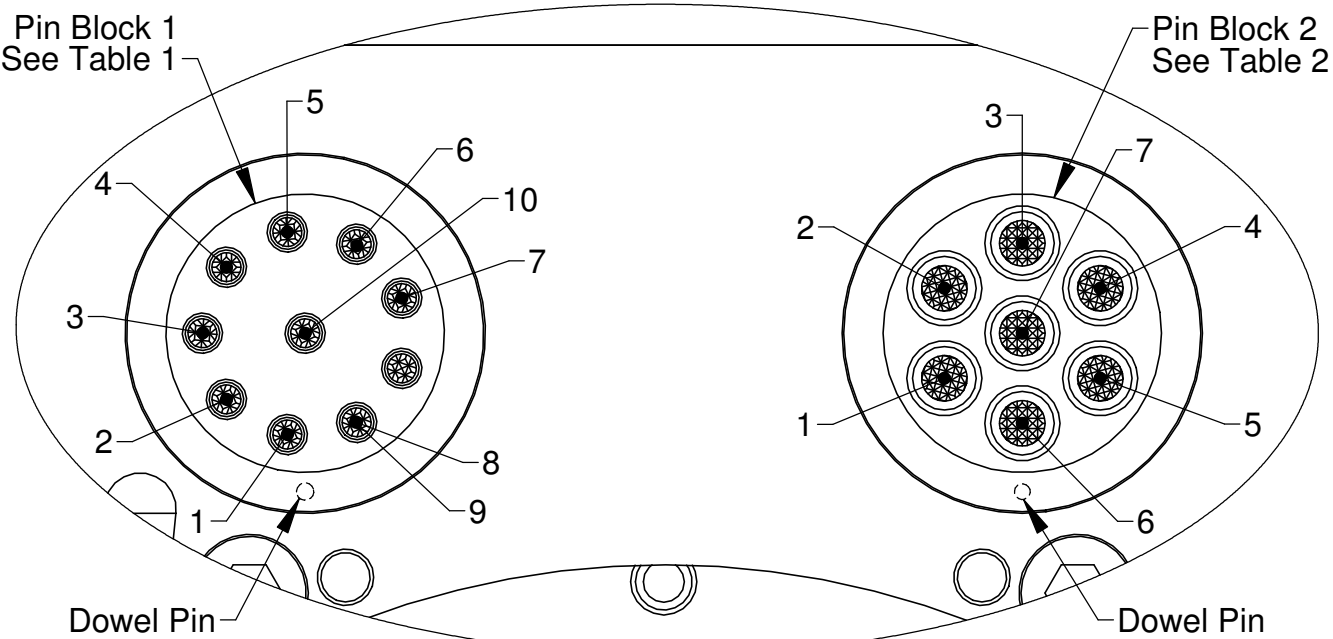
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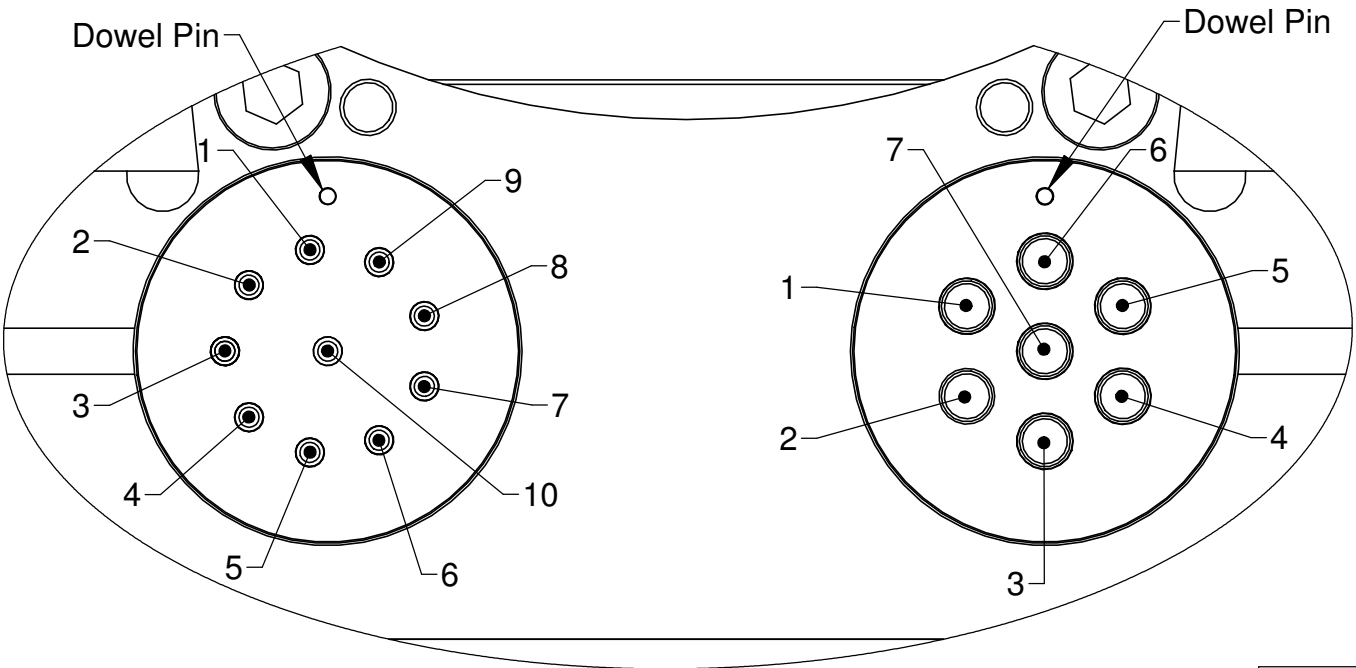
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|               |                                                     |                                                   |           |                               |                |
|---------------|-----------------------------------------------------|---------------------------------------------------|-----------|-------------------------------|----------------|
| DRAWN BY:     | W. Berrocal, 7/13/11                                | TITLE<br><br>DL4 Profinet Module Customer Drawing |           |                               |                |
| CHECKED BY:   | A.Strotzer, 7/13/11                                 |                                                   |           |                               |                |
| WEIGHT LBS:   | -----                                               | SCALE<br>1:2                                      | SIZE<br>B | DRAWING NUMBER<br>9630-20-DL4 | REVISION<br>03 |
| ASSEMBLY REF: | PRODUCT RELEASE # 110629-4    DATE:    SHEET 1 OF 4 |                                                   |           |                               |                |



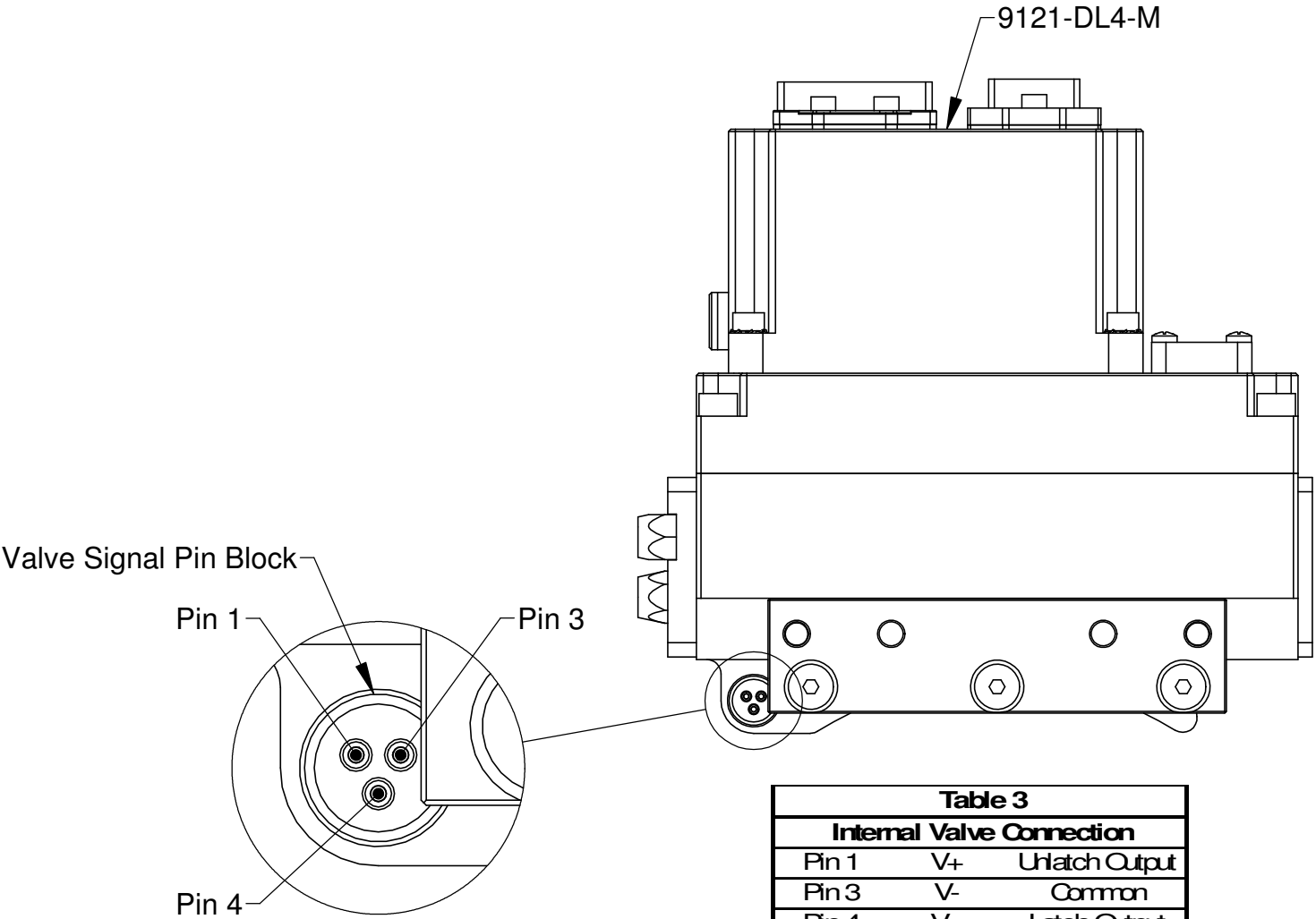
DETAIL A  
SCALE 1.5 : 1



DETAIL B  
SCALE 1.5 : 1

| Table 1     |         |
|-------------|---------|
| Pin Block 1 |         |
| 1           | FX1+    |
| 2           | FX1-    |
| 3           | FS485+  |
| 4           | FS485-  |
| 5           | TSI IN  |
| 6           | TSRV    |
| 7           | TX1+    |
| 8           | TX1-    |
| 9           | TSI OUT |
| 10          | TSV     |

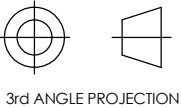
| Table 2     |              |
|-------------|--------------|
| Pin Block 2 |              |
| 1           | US1+         |
| 2           | TOOL_PRESENT |
| 3           | US1-         |
| 4           | US2-         |
| 5           | FE           |
| 6           | US2+         |
| 7           | 24V_TH       |



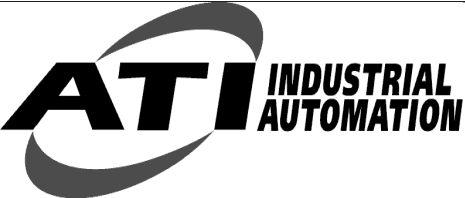
DETAIL C  
SCALE 2 : 1

| Table 3                   |    |                |
|---------------------------|----|----------------|
| Internal Valve Connection |    |                |
| Pin 1                     | V+ | Unlatch Output |
| Pin 3                     | V- | Common         |
| Pin 4                     | V+ | Latch Output   |

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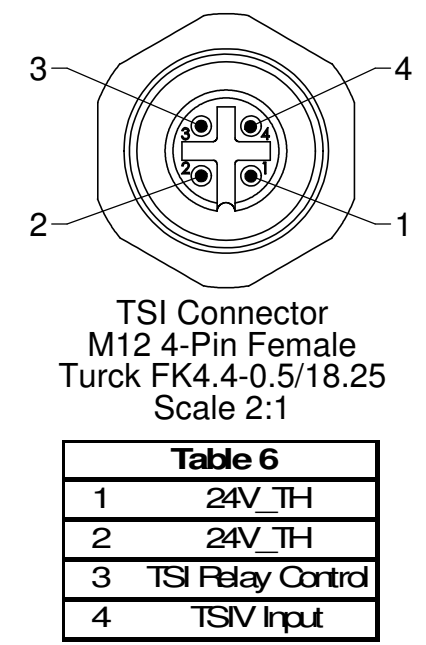
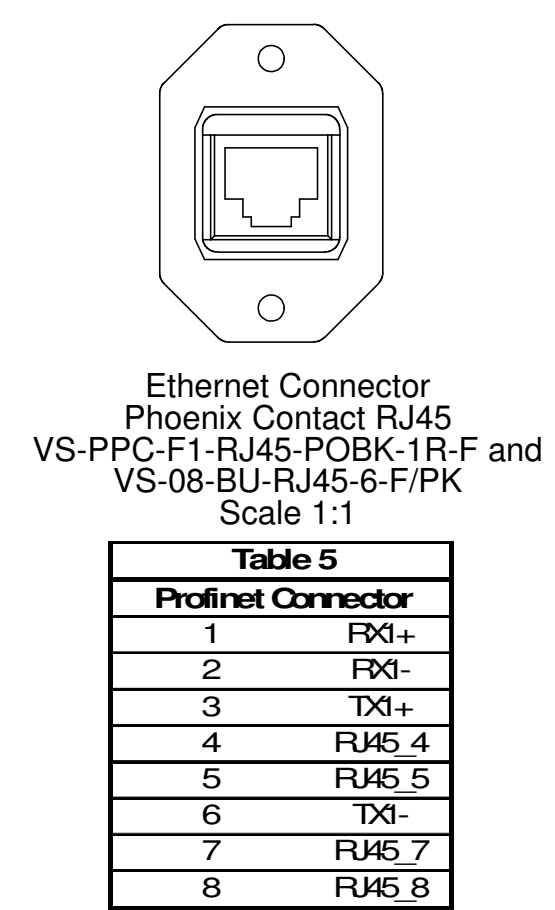
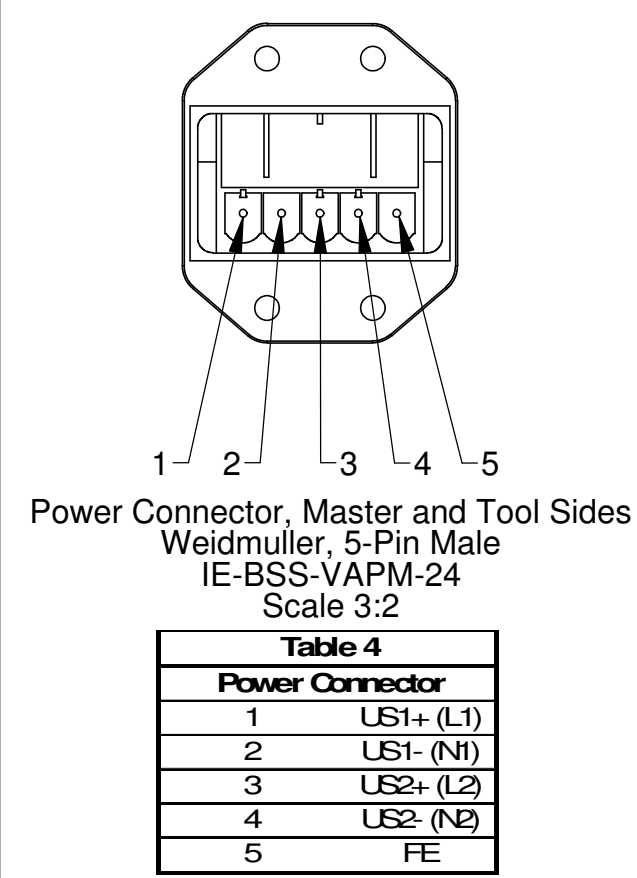
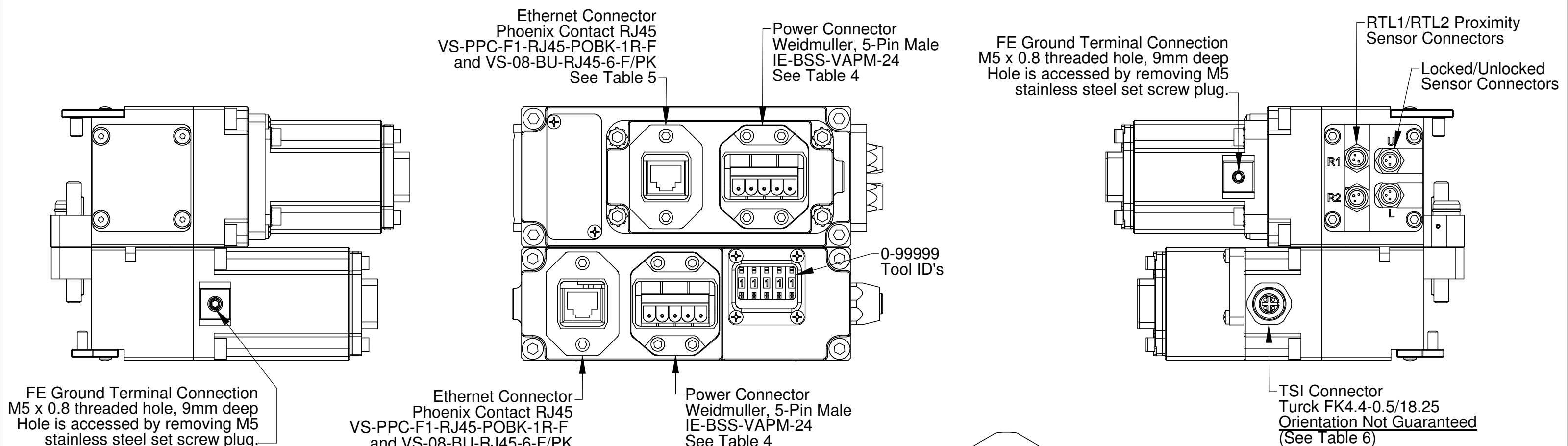
3rd ANGLE PROJECTION



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| DRAWN BY:<br>W. Berrocal, 7/13/11  |  | TITLE<br>DL4 Profinet Module Customer Drawing |           |                               |  |                |
| CHECKED BY:<br>A.Strotzer, 7/13/11 |  |                                               |           |                               |  |                |
| WEIGHT LBS:<br>-----               |  | SCALE<br>1:2                                  | SIZE<br>B | DRAWING NUMBER<br>9630-20-DL4 |  | REVISION<br>03 |
| ASSEMBLY REF:                      |  | PRODUCT RELEASE # 110629-4 DATE:              |           |                               |  | SHEET 2 OF 4   |



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| DRAWN BY:<br>W. Berrocal, 7/13/11             |  | TITLE<br>DL4 Profinet Module Customer Drawing |                |
| CHECKED BY:<br>A.Strotzer, 7/13/11            |  |                                               |                |
| WEIGHT LBS: -----                             |  | SCALE<br>1:2                                  | SIZE<br>B      |
| ASSEMBLY REF:                                 |  | DRAWING NUMBER<br>9630-20-DL4                 | REVISION<br>03 |
| PRODUCT RELEASE # 110629-4 DATE: SHEET 3 OF 4 |  |                                               |                |

