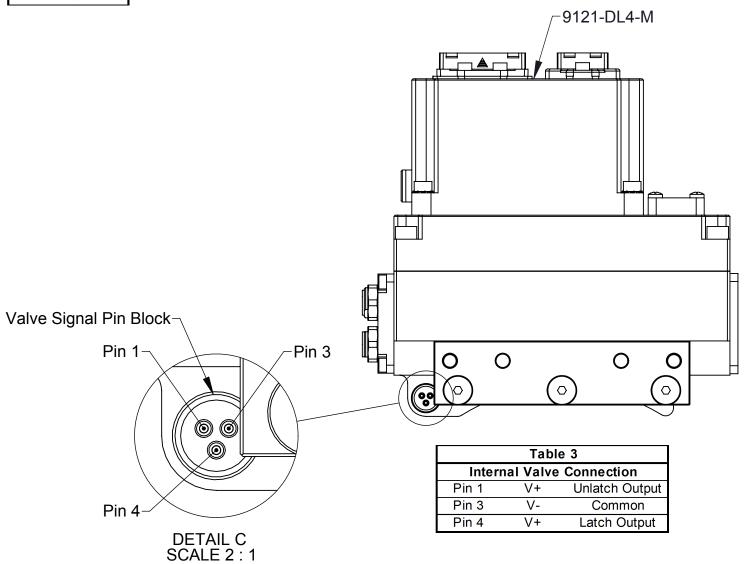


Table 1 Pin Block 1 RX1+ RX1-2 RS485+ RS485-TSI IN 6 **TSRV** TX1+ TX1-TSI OUT TSIV

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





INDUSTRIAL AUTOMATION

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3rd ANGLE PROJECTION

DRAWN BY: A. Takla, 07/13/17

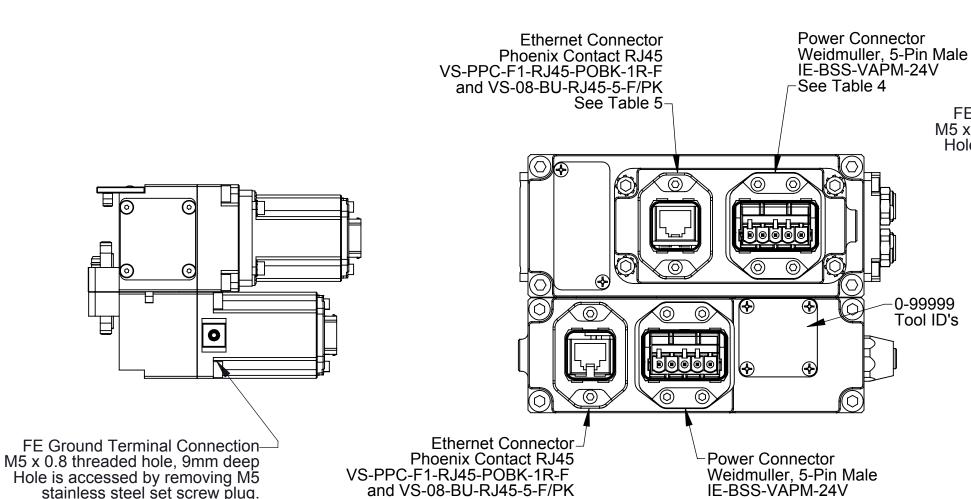
CHECKED BY: W. Berrocal, 08/21/17 F. Alonso, 08/31/2017 DL4 Master / DL14 Tool Module Customer Drawing

PROJECT # 170706-1 SHEET 2 OF 5 1:2

SCALE DRAWING NUMBER В

9630-20-DL4M DL14T

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FE Ground Terminal Connection

stainless steel set screw plug.

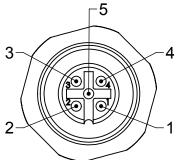
M5 x 0.8 threaded hole, 9mm deep Hole is accessed by removing M5

TSI Connector Turck FK4.5-0.5/18.25 **Orientation Not Guaranteed** (See Table 6)

RTL1/RTL2 Proximity

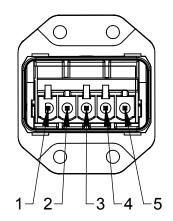
-Locked/Unlocked **Sensor Connectors**

Sensor Connectors



TSI Connector M12 5-Pin Female Turck FK4.5-0.5/18.25 Scale 2:1

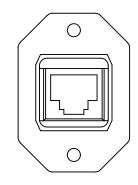
| Table 6 | | | |
|---------------|--------|--|--|
| TSI Connector | | | |
| 1 | 24V_TH | | |
| 2 | TSI1 | | |
| 3 | US1- | | |
| 4 | TSI2 | | |
| 5 | N/C | | |



stainless steel set screw plug.

Power Connector, Master and Tool Sides Weidmuller, 5-Pin Male IE-BSS-VAPM-24V Scale 3:2

| Table 4 | | | | |
|-----------------|-----------|--|--|--|
| Power Connector | | | | |
| 1 | US1+ (L1) | | | |
| 2 | US1- (N1) | | | |
| 3 | US2+ (L2) | | | |
| 4 | US2- (N2) | | | |
| 5 | FE | | | |



See Table 5

See Table 4

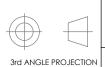
Ethernet Connector Phoenix Contact RJ45 VS-PPC-F1-RJ45-POBK-1R-F and VS-08-BU-RJ45-5-F/PK Scale 1:1

| Tab | le 5 |
|------------|-----------|
| Profinet 0 | Connector |
| 1 | TX1+ |
| 2 | TX1- |
| 3 | RX1+ |
| 4 | N/C |
| 5 | N/C |
| 6 | RX1- |
| 7 | N/C |
| 8 | N/C |

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| DRAWN BY: | A. Takla, 07/13/17 |
|-------------|-----------------------|
| CHECKED BY: | W. Berrocal, 08/21/17 |
| | F. Alonso, 08/31/2017 |
| | |

DL4 Master / DL14 Tool Module Customer Drawing

SCALE PROJECT # 170706-1 SHEET 3 OF 5 1:2 В

9630-20-DL4M DL14T

DRAWING NUMBER

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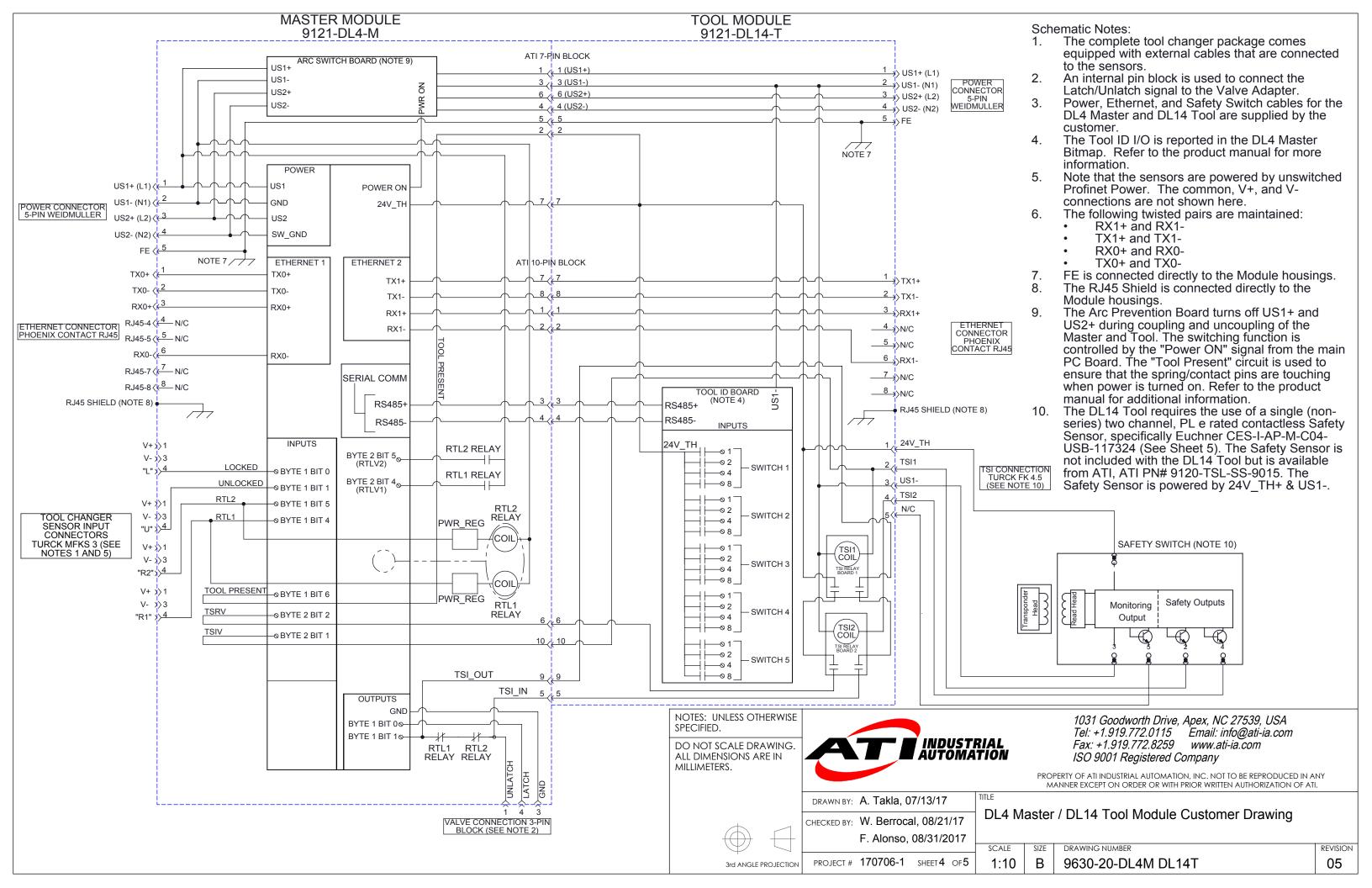
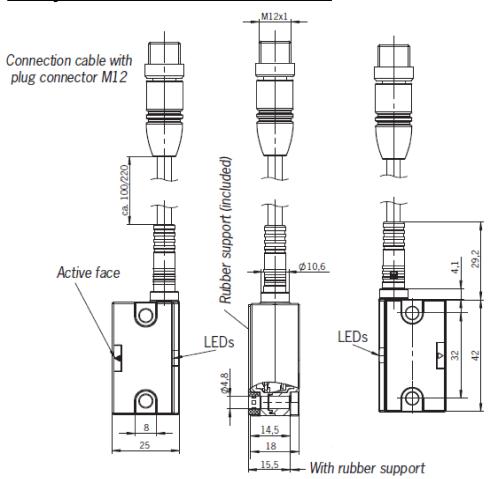


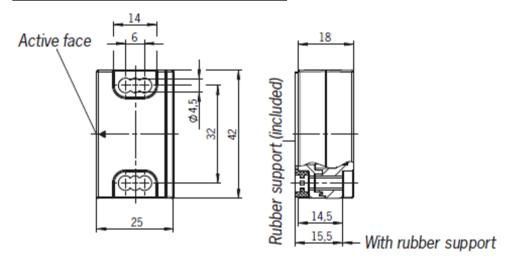


Figure 1: Euchner CES-AP-C04 Series Safety Sensor

Safety Switch: ATI PN# 8600-117324



Actuator: ATI PN# 8605-115271



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PROJECT # 170706-1 SHEET 5 OF 5 3rd ANGLE PROJECTION

CHECKED BY: W. Berrocal, 08/21/17

F. Alonso, 08/31/2017

DRAWING NUMBER SCALE

В

1:10

9630-20-DL4M DL14T

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