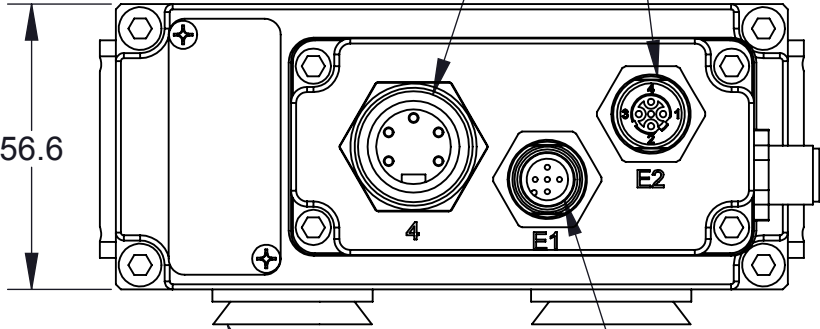


DT4 Master Module
(9121-DT4-M)

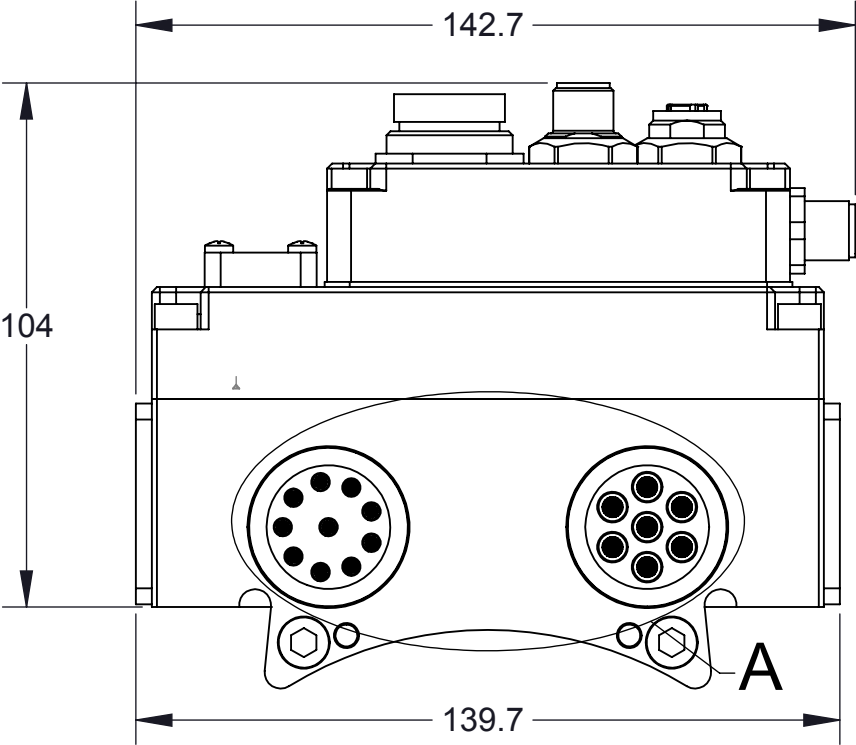
Auxiliary Power Connector
5-Pin Male Mini
Turck RSFL 56

Profinet Pass-Through Connector, E2
M12, 4-Contact Female, D-Coded
Turck FKFDD



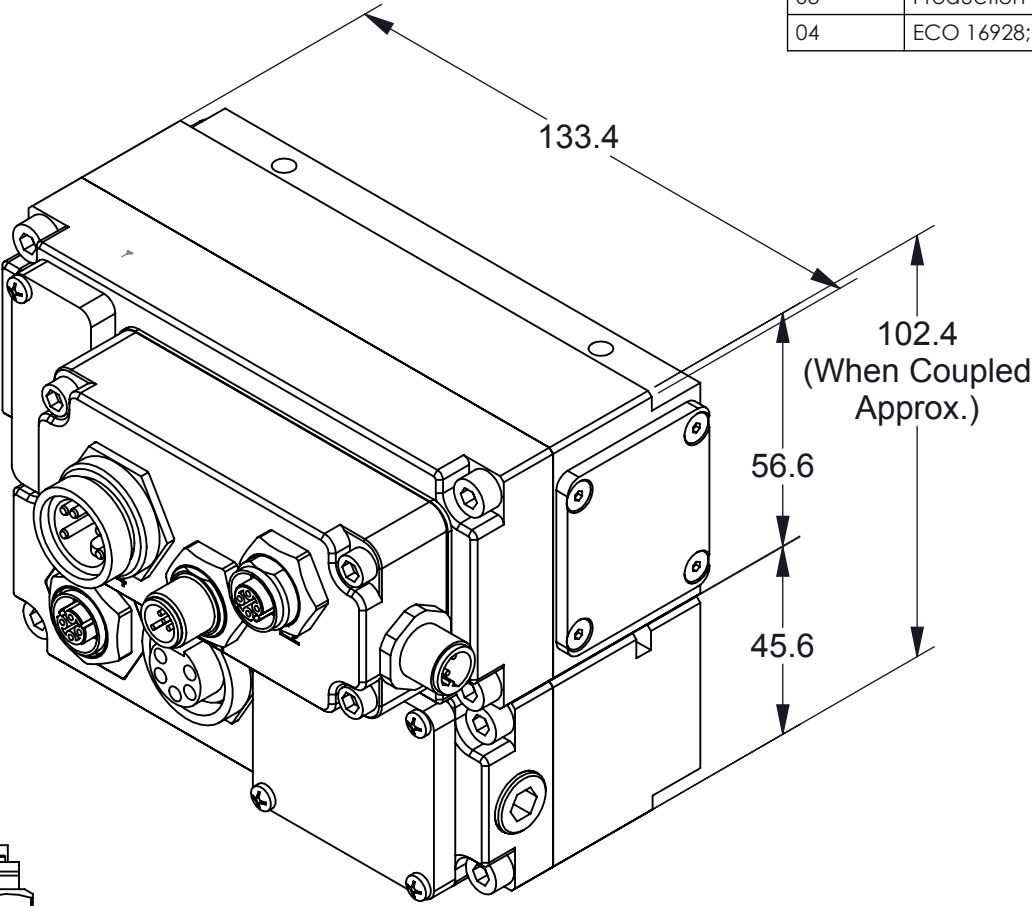
4010-0000030-01
V-Ring Seal
Serviceable Part

Tool Present Connector, E1
M12, 5-Pin Male
Turck FSFDL 4.5

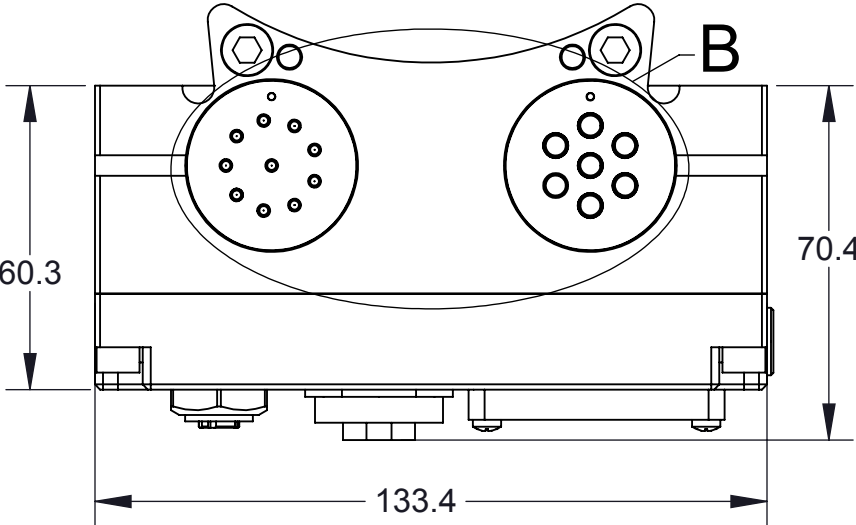


- Notes:**
- 1. Reference the manual for information related to Arc Prevention control and Tool Present signals.
 - 2. Connectors are oriented as shown unless otherwise specified.
 - 3. Pin Block signal assignments are shown on Sheet 2.
 - 4. Connector pin-outs are shown on Sheet 3.
 - 5. Electrical schematic of DT4 Master and Tool is shown on Sheet 4.

Rev.	Description	Initiator	Date
01P	Initial Drawing	BGBP	06/01/2016
02P	Checked by Electrical Group	BGBP	6/29/2016
03	Production Release	BGBP	8/1/2016
04	ECO 16928; Sheet 4: Added Schematic Notes 4 & 5.	MLS	6/8/2018

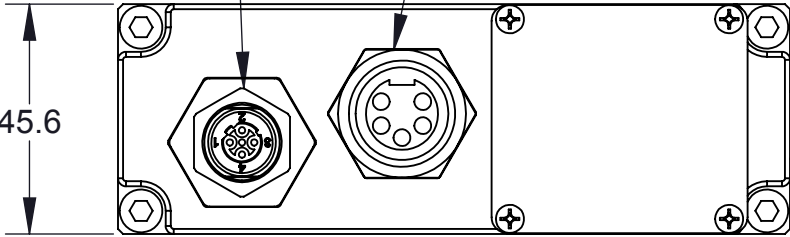


DT4 Tool Module
(9121-DT4-T)

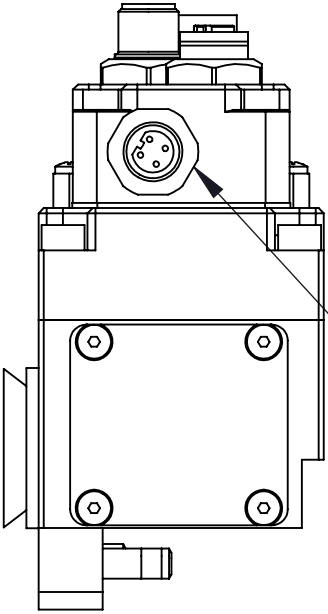


Tool Profinet Connector
M12, 4-Contact Female, D-Coded
Turck FKFDD

Auxiliary Power Connector
5-Pin Female Mini
Turck RKFL 56

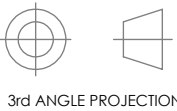


Arc Prevention Control Connector
M12, 4-Pin Male
Turck FS 4.4



NOTES: UNLESS OTHERWISE
SPECIFIED.

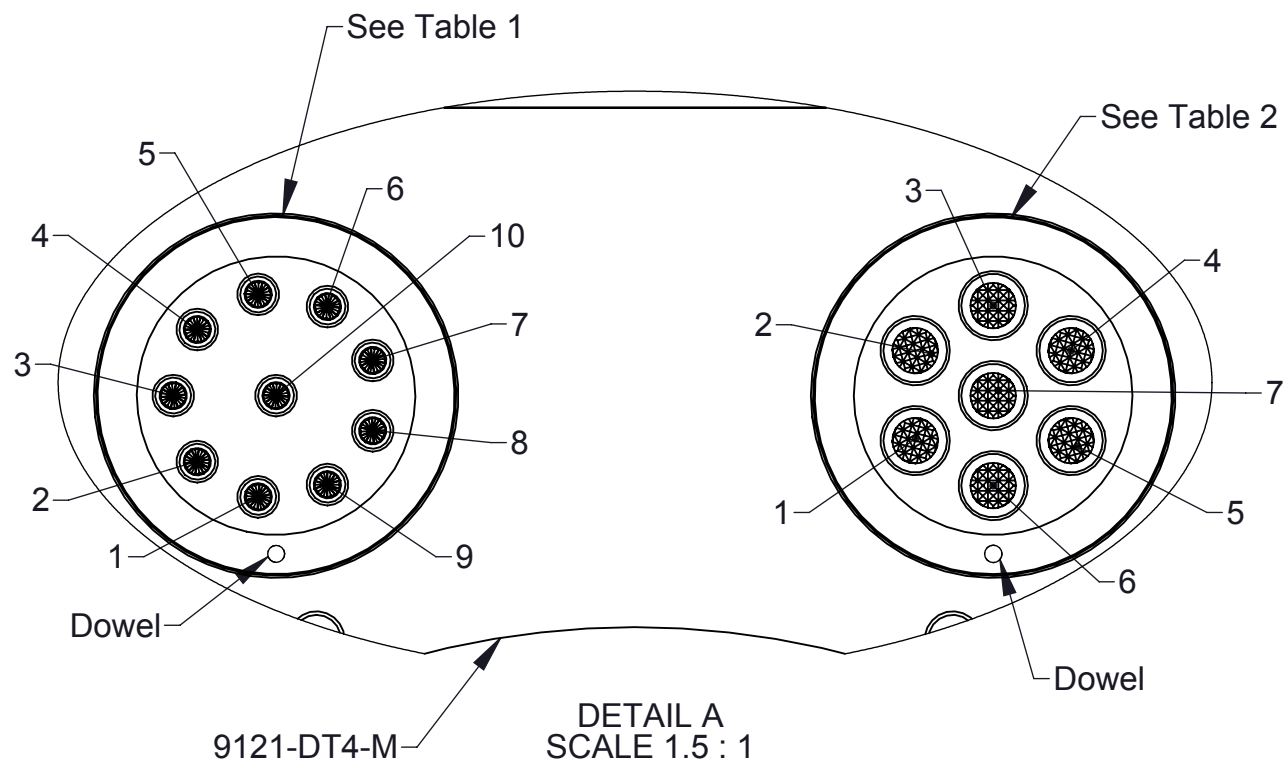
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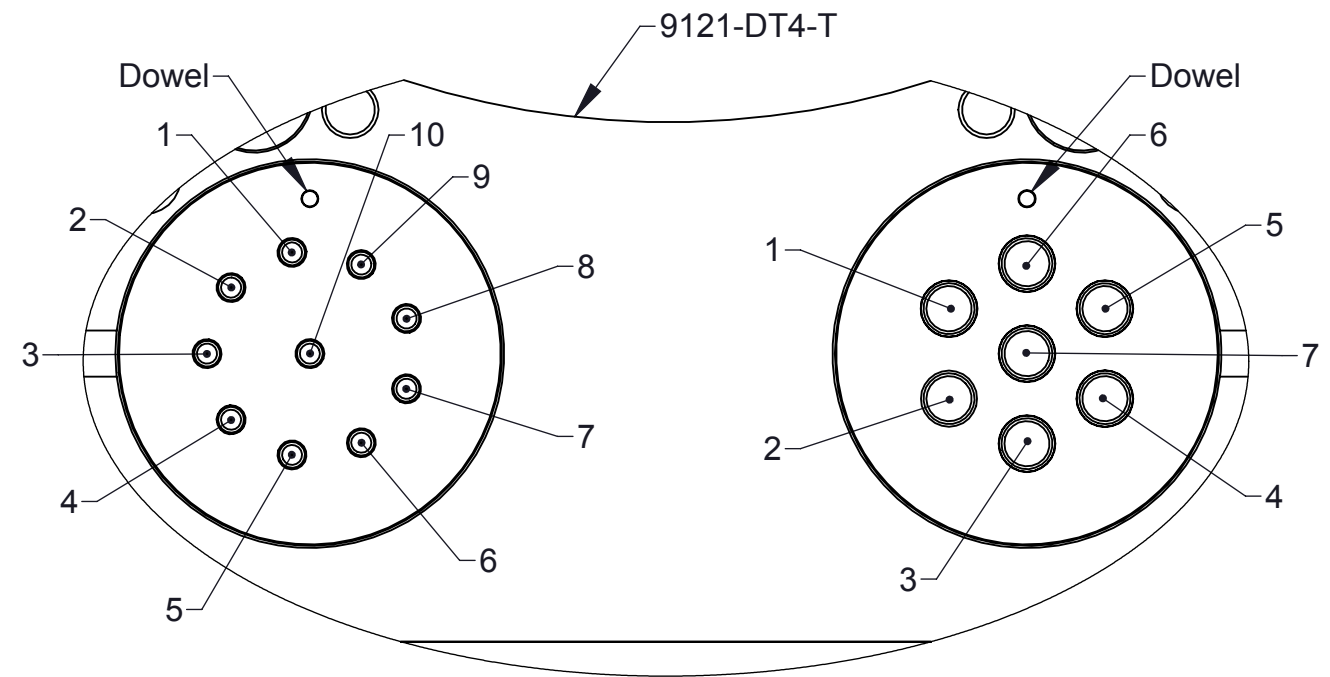
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CHECKED BY: W. Berrocal 06/02/16 A. Strotzer 06/29/16		SCALE 2:3	SIZE B	DRAWING NUMBER 9630-20-DT4
PROJECT # 160527-1 SHEET 1 OF 4				REVISION 04



DETAIL A
SCALE 1.5 : 1

Table 1 10-Pin Block Pin Assignment	
1	N/C
2	Tx+
3	Tx-
4	OUT
5	IN (24V)
6	N/C
7	Rx+
8	Rx-
9	N/C
10	Profinet Shield

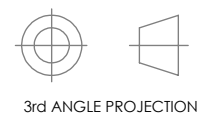


DETAIL B
SCALE 1.5 : 1

Table 2 7-Pin Block Pin Assignment	
1	US1- (Unswitched)
2	Arc Switch Enable (US1-)
3	US2- (Switched)
4	US2+ (Switched)
5	N/C
6	US1+ (Unswitched)
7	FE

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PROJECT # 160527-1 SHEET 2 OF 4		REVISION 04		

Table 3 Auxiliary Power Connector	
1	US2- (Switched)
2	US1- (Unswitched)
3	FE
4	US1+ (Unswitched)
5	US2+ (Switched)

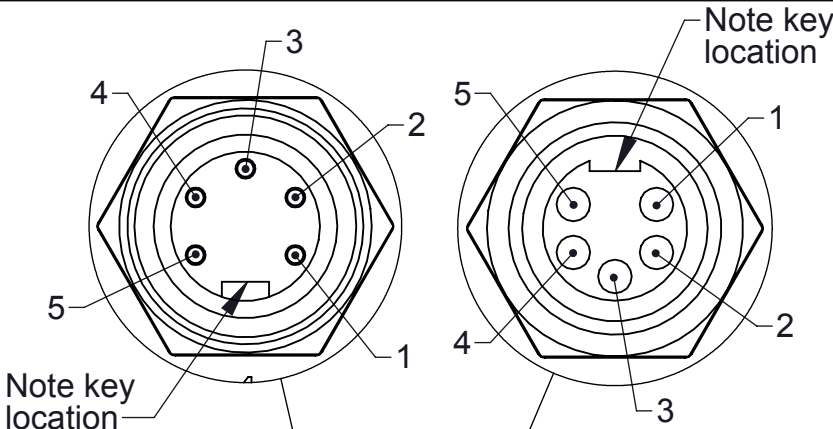


Table 6 Tool Present Connector	
1	IN (24V)
2	N/C
3	N/C
4	OUT
5	N/C

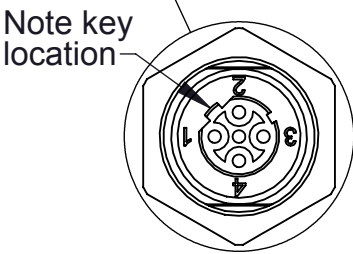
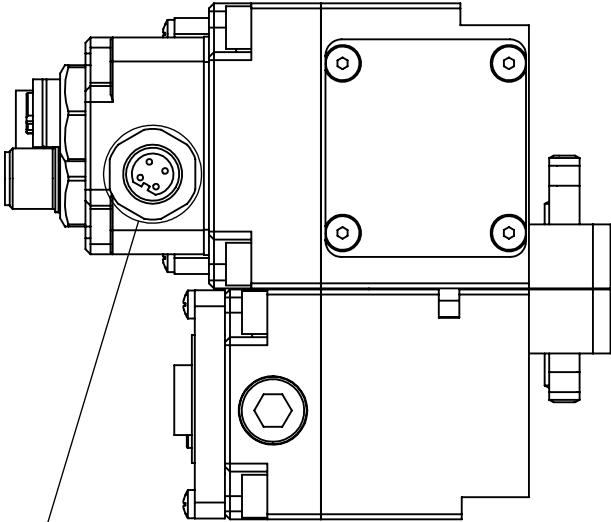
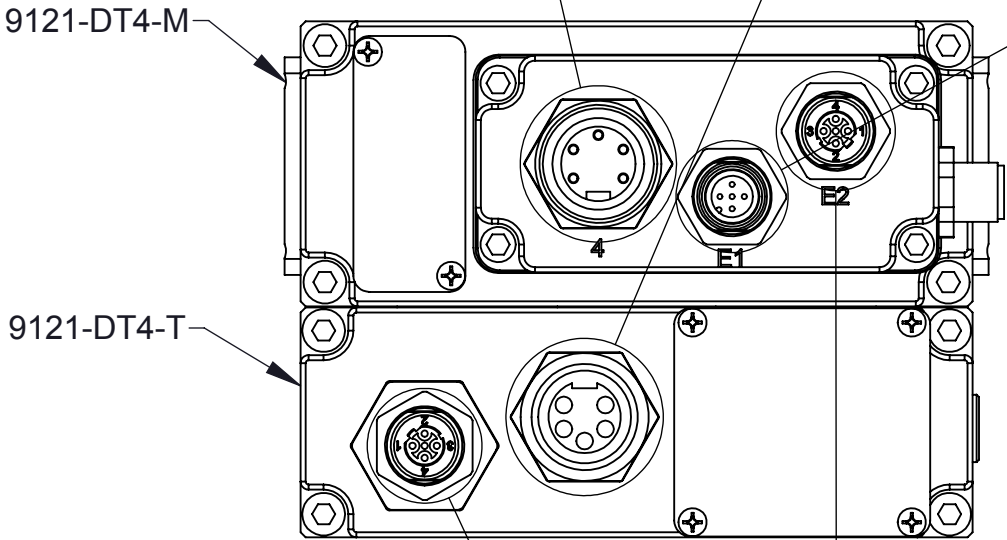
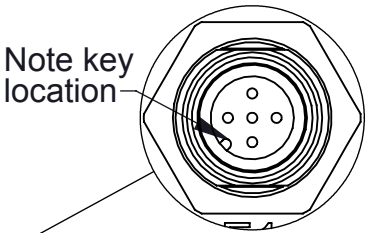


Table 4 Profinet Connector	
1	Tx+
2	Rx+
3	Tx-
4	Rx-

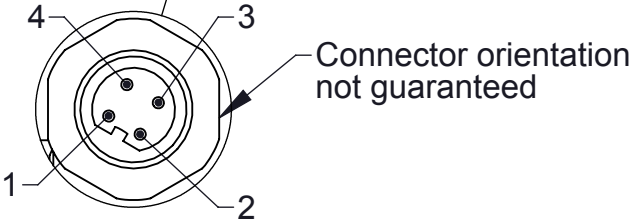
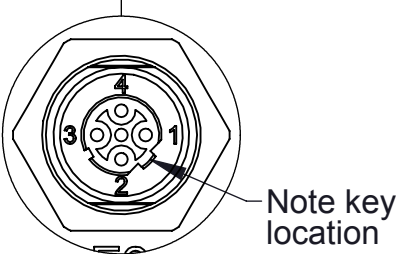
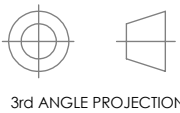


Table 5 Arc Prevention Control Connector	
1	N/C
2	ON
3	GND
4	OFF

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PROJECT # 160527-1	SHEET 3 OF 4	SCALE 2:3	SIZE B
		DRAWING NUMBER 9630-20-DT4	REVISION 04

