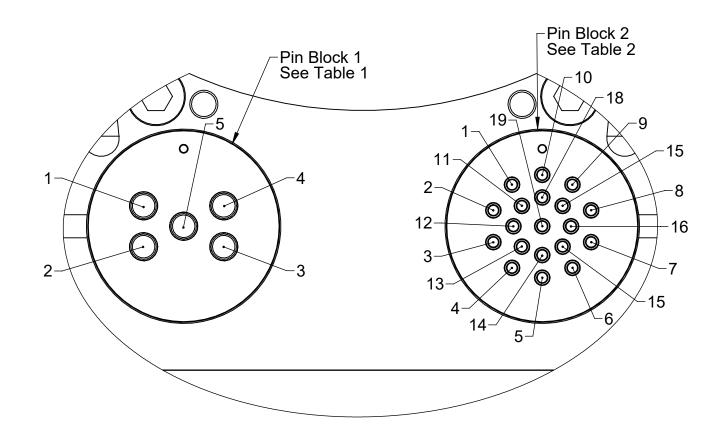


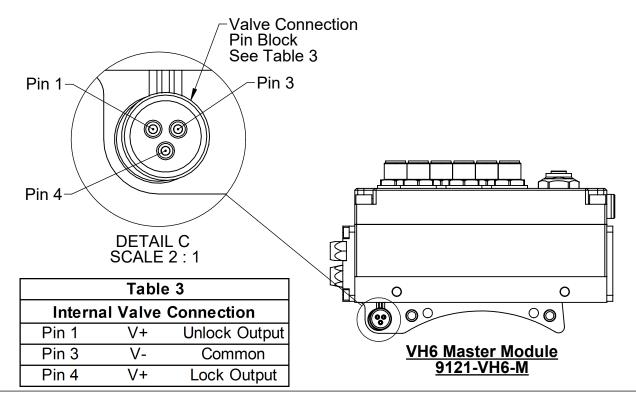
DETAIL A SCALE 1.5 : 1



DETAIL B SCALE 1.5 : 1

Table 1: VH10 Pin Block	
Pin	Description
1	Tx+
2	Rx+
3	Tx-
4	Rx-
5	FE

Table 2: VH10 Pin Block 2		
Pin	Description	
1	Tool ID1	
2	24V, Unswitched	
	24V, Switched	
4	24V (Tool ID)	
5	N/C	
6	TSI Out	
7	N/C	
8	N/C	
9	TSI In	
10	N/C	
11	Tool ID2	
12	Tool ID4	
13	Tool ID8	
14	N/C	
15	N/C	
16	Ground, Switched	
17	N/C	
18	Reserved	
19	Ground, Unswitched	



NOTES: UNLESS OTHERWISE SPECIFIED.

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DRAWN BY: W. Berrocal, 8/20/08 CHECKED BY: L. Jamshidi, 7/21/11

PROJECT # 110719-1

VH10 Module Customer Drawing

SCALE 1:2 В

DRAWING NUMBER

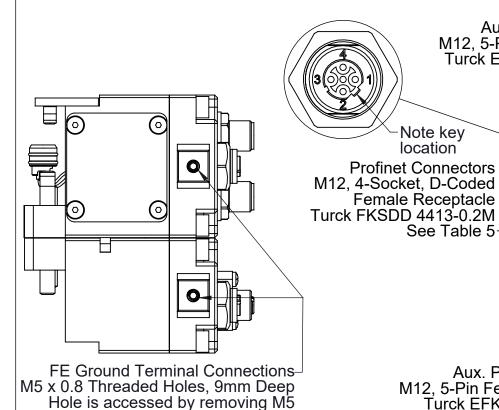
3rd ANGLE PROJECTION

SHEET 2 OF 4

9630-20-VH10

04

REVISION



Aux. Power Connector-M12, 5-Pin Male Receptacle Turck EFSBQ-A5.500.2-0.5 See Table 4

Aux. Power Connection-

See Table 6

M12, 5-Pin Female Receptacle Turck EFKBQ-A5.500.2-0.5

Note key

location

Female Receptacle

See Table 5

Tool ID Connectors 1 and 2 M17, Male Thread Turck EFSBQ-A5.500.2-0.5 See Table 4

R1/R2

Valve Connector

See Table 4

M12, 5-Pin Male Receptacle Turck EFSBQ-A5.500.2-0.5

Lock/Unlock Connector M12, 5-Pin Male Receptacle Turck EFSBQ-A5.500.2-0.5 See Table 4

RTL1/RTL2 Connector M12, 5-Pin Male Receptacle Turck EFSBQ-A5.500.2-0.5 See Table 4

-Locked/Unlocked **Sensor Connectors**

RTL1/RTL2 Proximity

Sensor Connectors

TSI Connector M12, 4-Pin Female Receptacle Turck FK 4.4-0.5/18.25 See Table 7 **Orientation not**

guaranteed

stainless steel set screw plug. 0 O. **⊙**

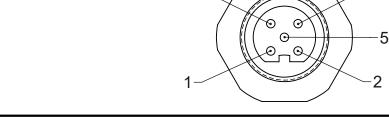
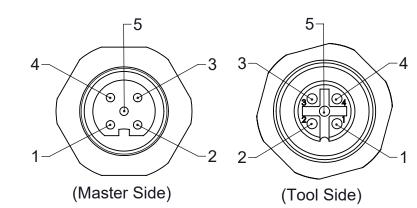
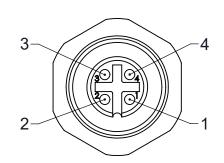


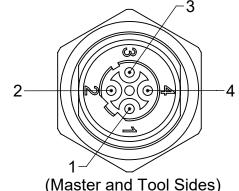
	Table 4: Pin Assignment, M12 5-Pin Receptacles								
VALVE Connector		R1/R2 Connector		L/U Connector		ID1 Connector		ID2 Connector	
1	N/C	1	24V	1	24V	1	24V	1	24V
2	Unlatch (24V, Switched)	2	RTL1	2	Locked	2	Tool ID1	2	Tool ID4
3	Ground	3	Ground	3	Ground	3	Ground	3	Ground
4	Latch (24V, Switched)	4	RTL2	4	Unlocked	4	Tool ID2	4	Tool ID8
5	FE	5	FE	5	FE	5	FE	5	FE



	e 6: Pin Assignment Power Connectors
1	24V, Unswitched
2	Ground, Switched
3	Ground, Unswitched
4	24V, Switched
5	Reserved



	Pin Assignment, I Connector
1	N/C
2	TSI In
3	TSI Out
4	N/C



M12 D	Pin Assignment, -Coded Profinet Connector
1	Tx+
2	Rx+
3	Tx-
4	Rx-

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	,
	CHECKED BY: L. Jamshidi, 7/21/11
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VH10 Module Customer Drawing

SCALE PROJECT # 110719-1 SHEET 3 OF 4 1:2 В 9630-20-VH10

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