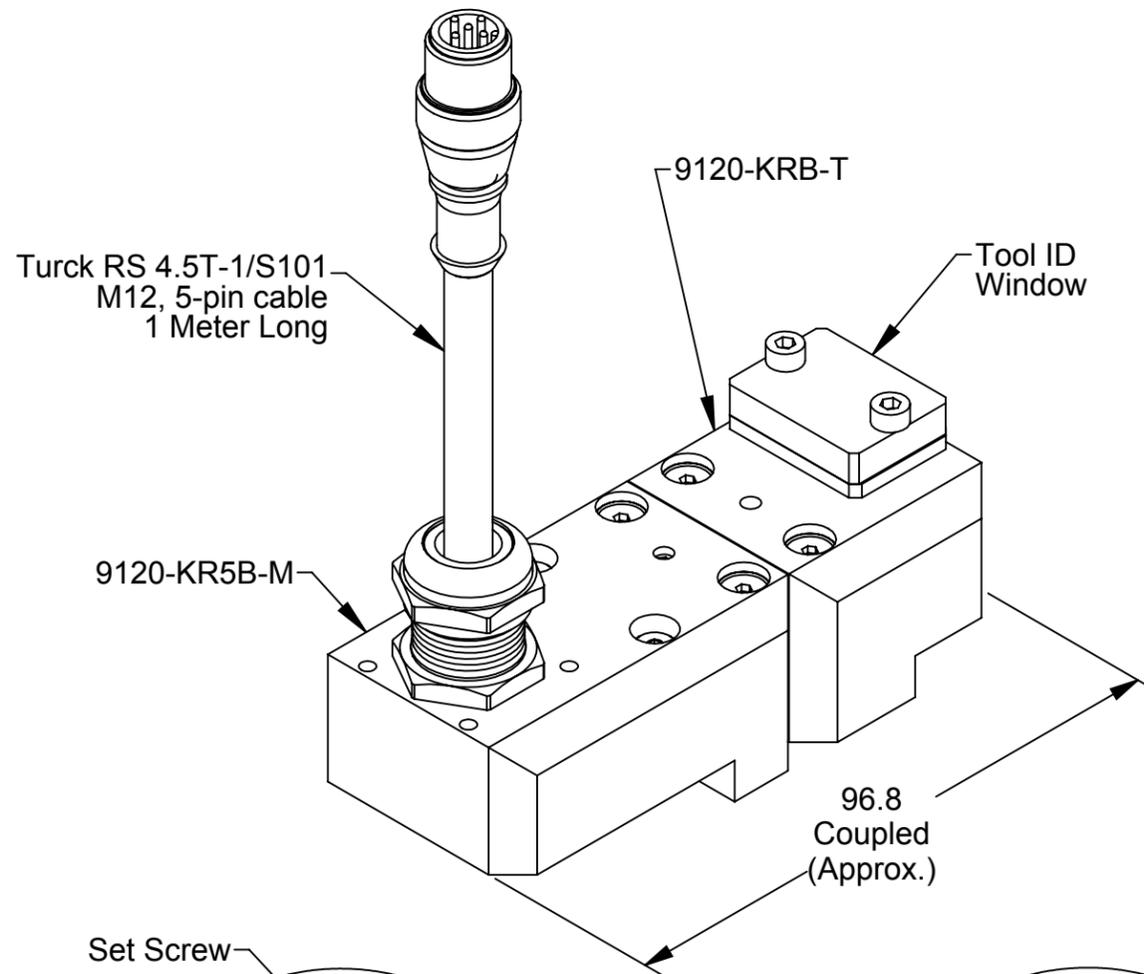
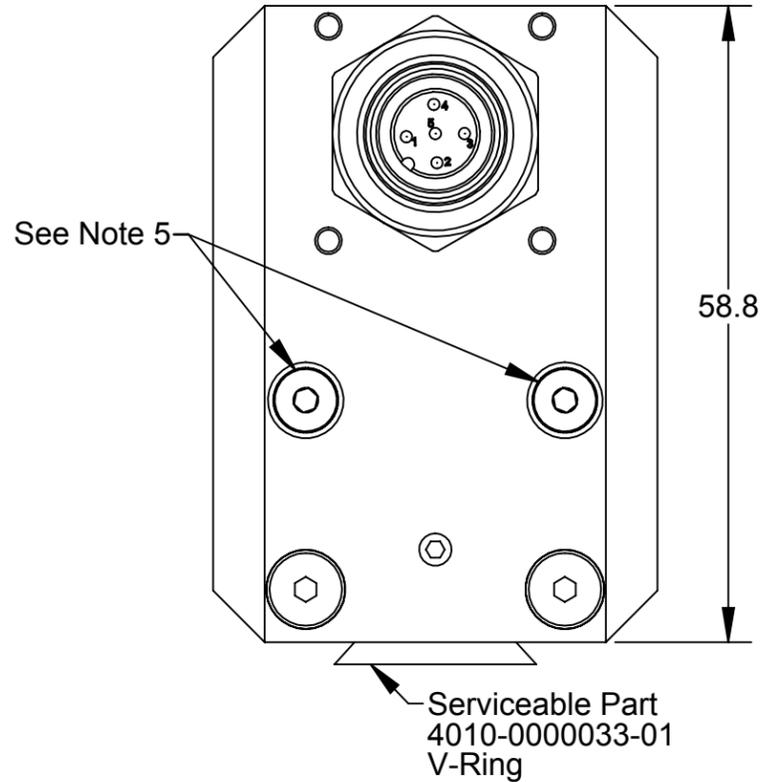
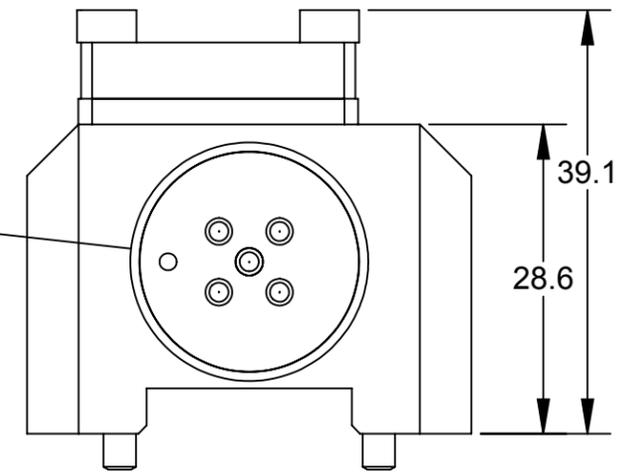
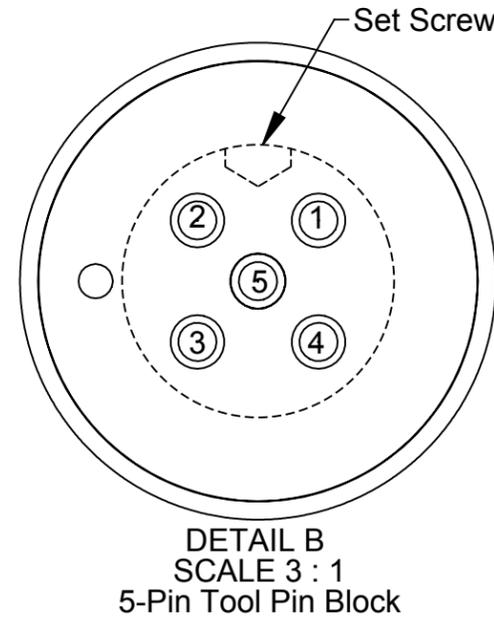
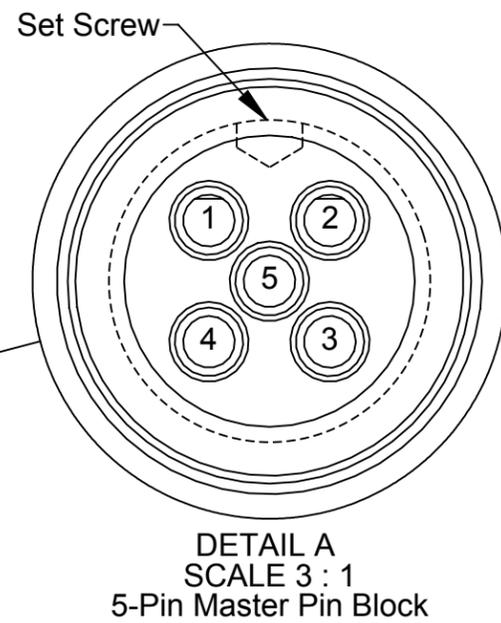
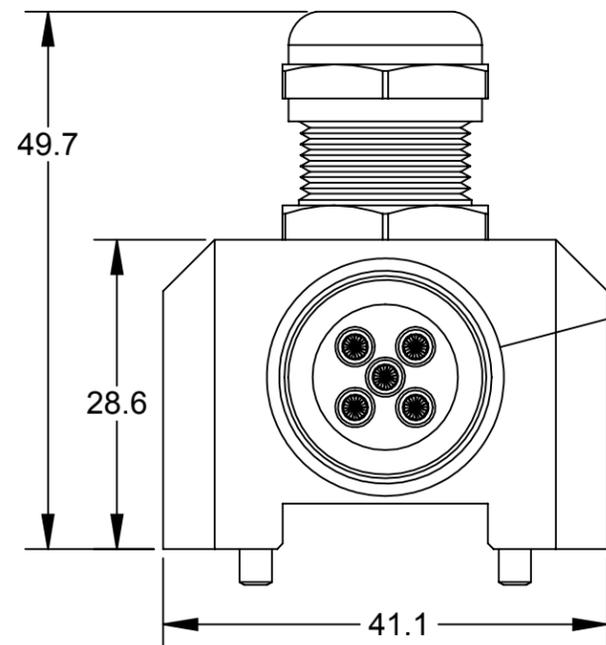
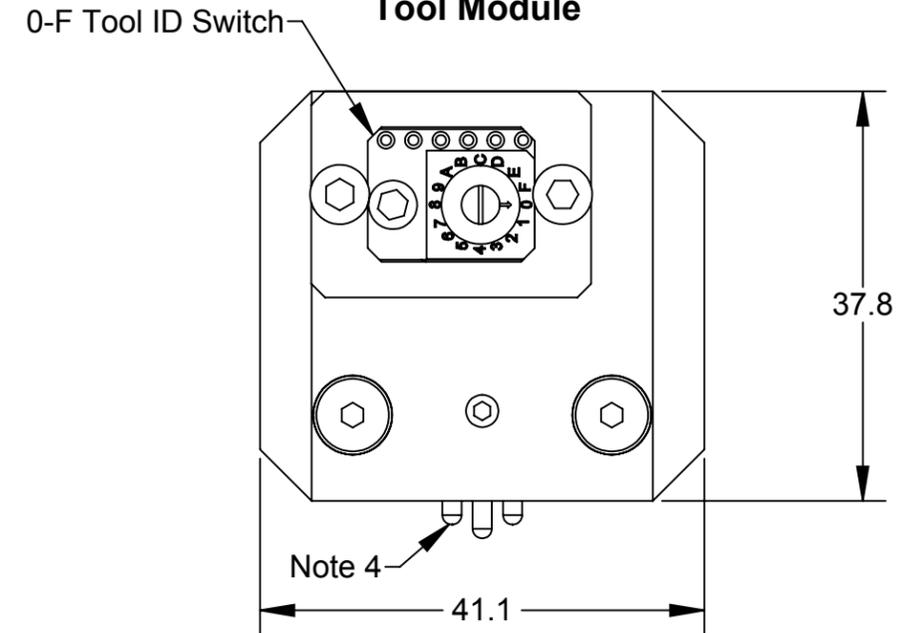


Rev.	Description	Initiator	Date
03	ECO 17871: Changed Rotary Switch callout to "0-F Tool ID" was "0-16 Tool ID".	TBC	5/8/2019

**9120-KR5B-M  
Master Module**



**9120-KRB-T  
Tool Module**



- Notes:
1. The KR5B electrical module is rated to 3A / 110V.
  2. Customer is to approve electrical schematic on Sheet 2 of this drawing.
  3. Customer is to approve cable selection.
  4. WARNING: Contacts on Tool Module (9120-KRB-T) protrude past housing, use caution to avoid damaging contacts during assembly or maintenance.
  5. The KR5B master includes supplemental mounting fasteners that are designed to work with special SIP-8604. To utilize the supplemental fastening features, use SIP-8604 or a similar SIP.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION



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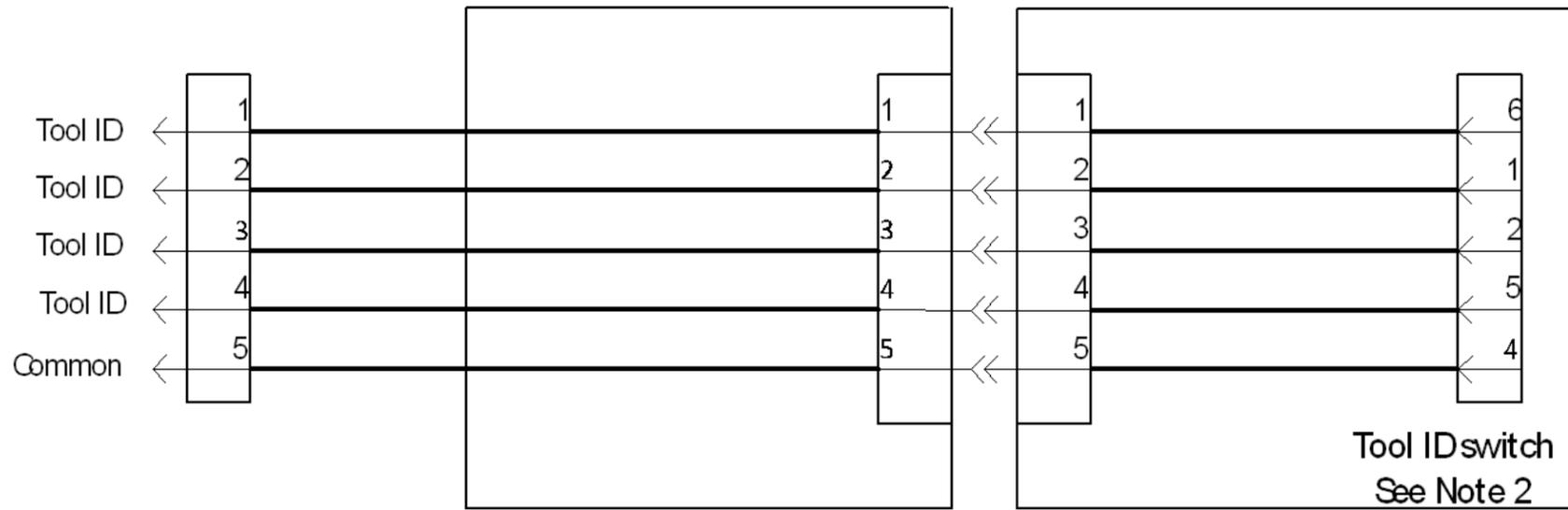
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DRAWN BY: P.Luczka, 12/10/13		TITLE	
CHECKED BY: A.Takla, 12/10/13 B.Henderson, 12/11/13		KR5B-M / KRB-T Electrical Module w/ 0-F Tool ID	
PROJECT #	131009-2	SHEET	1 OF 2
SCALE	1:1	SIZE	B
DRAWING NUMBER	9630-20-KR5BM KRBT		REVISION
			03

M12, Male  
5-Pin Cable

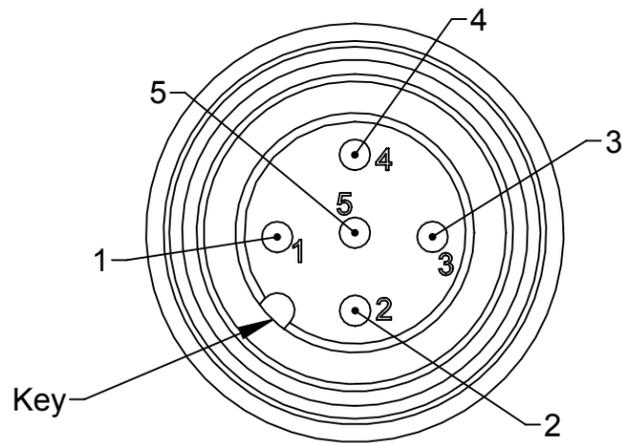
9120-KR5B-M

9120-KRB-T

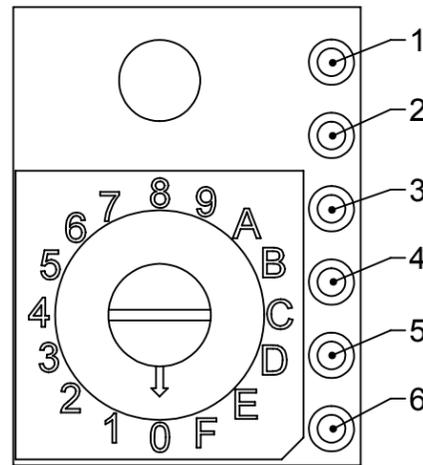


Binary Output of Tool ID

Switch Selection	Pin	Pin	Pin	Pin	Switch
	1	3	2	4	
0	0	0	0	0	
1	0	0	0	1	
2	0	0	1	0	
3	0	0	1	1	
4	0	1	0	0	
5	0	1	0	1	
6	0	1	1	0	
7	0	1	1	1	
8	1	0	0	0	
9	1	0	0	1	
A	1	0	1	0	
B	1	0	1	1	
C	1	1	0	0	
D	1	1	0	1	
E	1	1	1	0	
F	1	1	1	1	



Turck RS 4.5T-1/S101  
M12, 5-pin cable  
1 Meter Long



0-F Tool ID Switch  
Face View  
Scale 4:1

Schematic Notes:

- The KR5B-M cable has the following specifications:
  - Length = 1 m (+/- 25 mm)
  - Manufacturer and Part Number: Turck, RS 4.5T-1/S101
  - 5 x 22 AWG stranded
  - Nominal Cable Diameter .20"
  - PVC Insulation
- Tool ID switch electrical rating: 30mA at 30 VDC.
- Pin 5 on the pin block is first-to-make, last-to-break. It is recommended that ground is passed on this pin.
- The five (5) spring probes in the pin block are rated to 10A/110V maximum.

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DRAWN BY: P.Luczka, 12/10/13		TITLE	
CHECKED BY: A.Takla, 12/10/13 B.Henderson, 12/11/13		KR5B-M / KRB-T Electrical Module w/ 0-F Tool ID	
PROJECT # 131009-2 SHEET 2 OF 2	SCALE 1:1	SIZE B	DRAWING NUMBER 9630-20-KR5BM KRBT
			REVISION 03