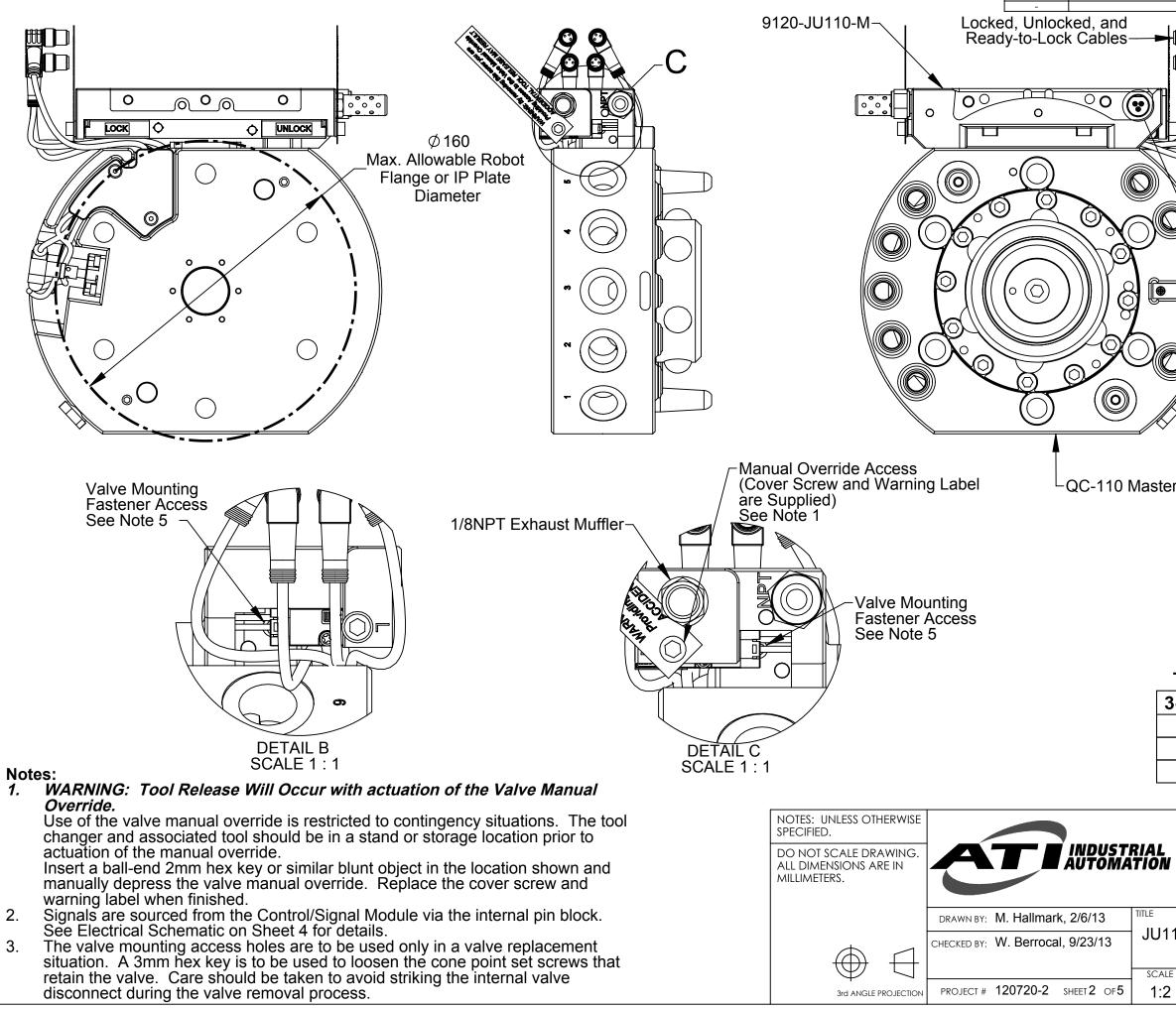


v. Descrip		Initiator	Date
P Initial de	esign.	MH RMH	2/8/2013 9/23/2013
2 Eco 11323; Release			9/23/2013
J110-T Tool Spacer an C-110 Tool Changers. alve signal pin block (9 s of Valve Adapters. n QC-110 Tool Change potential for interferen Locked, Unlocked, and dule. Reference assem own on Sheet 2.	121-DL4-M, 9121- ers utilizing the 912 ace with the robot fl d RTL sensor cable ably 9120-110APM	DKD-M 0-JU11 ange. es to	0-
<i>Tel: +1.919.772</i> <i>Fax: +1.919.772</i> <i>ISO 9001 Regis</i> PROPERTY OF ATI INDUSTRIAL A	th Drive, Apex, NC 27539 2.0115 Email: info@ati 2.8259 www.ati-ia.com stered Company NUTOMATION, INC. NOT TO BE REI R OR WITH PRIOR WRITTEN AUTHO	<i>ia.com</i>	
10 Valve Adapter and <sup>-</sup>	Tool Spacer for QC	-110, E	SPP
E SIZE DRAWING NUMBER			REVISION

	9630-20-JU110	Valve A	dapter.	Dual
--	---------------	---------	---------	------

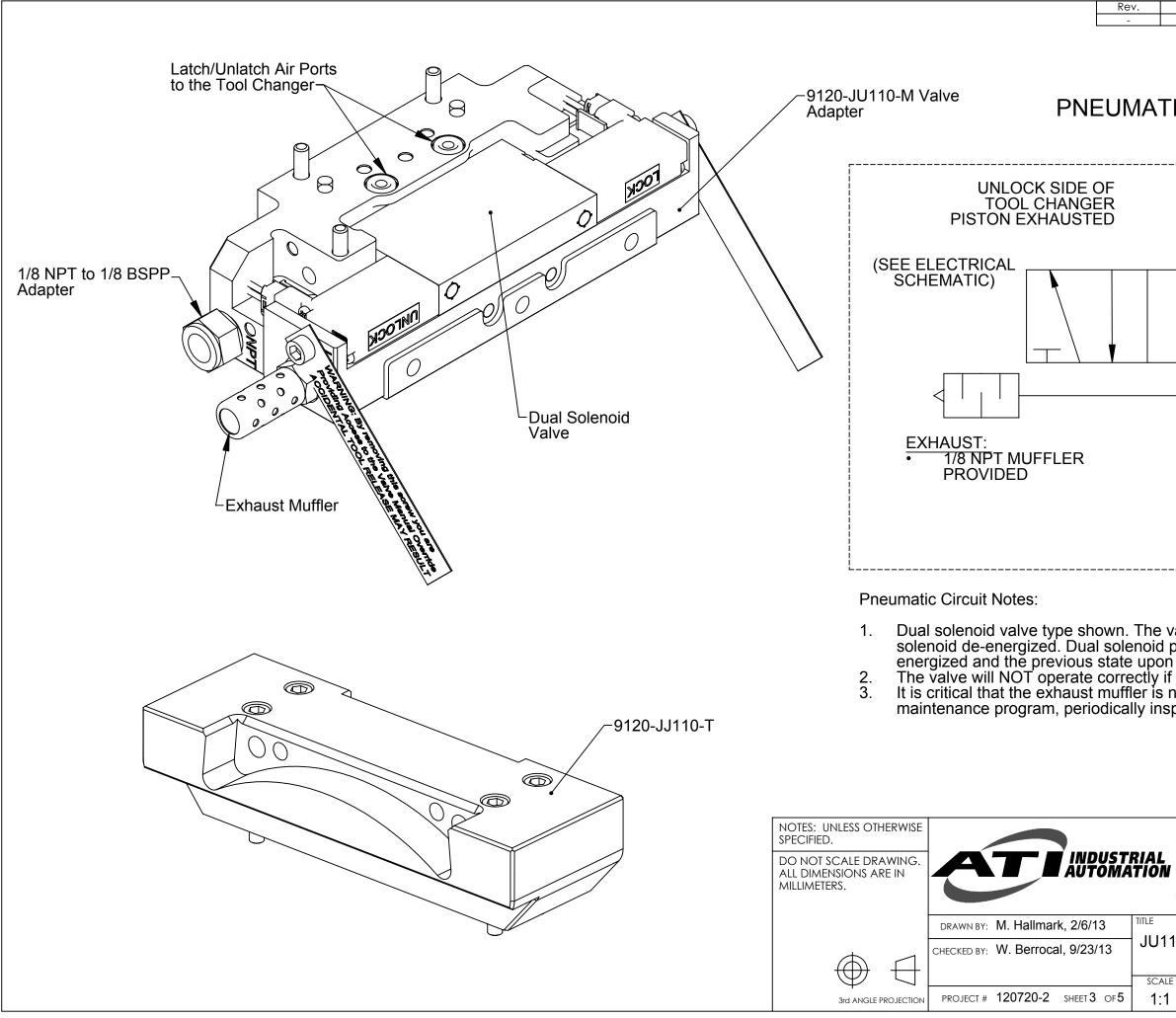
В

02

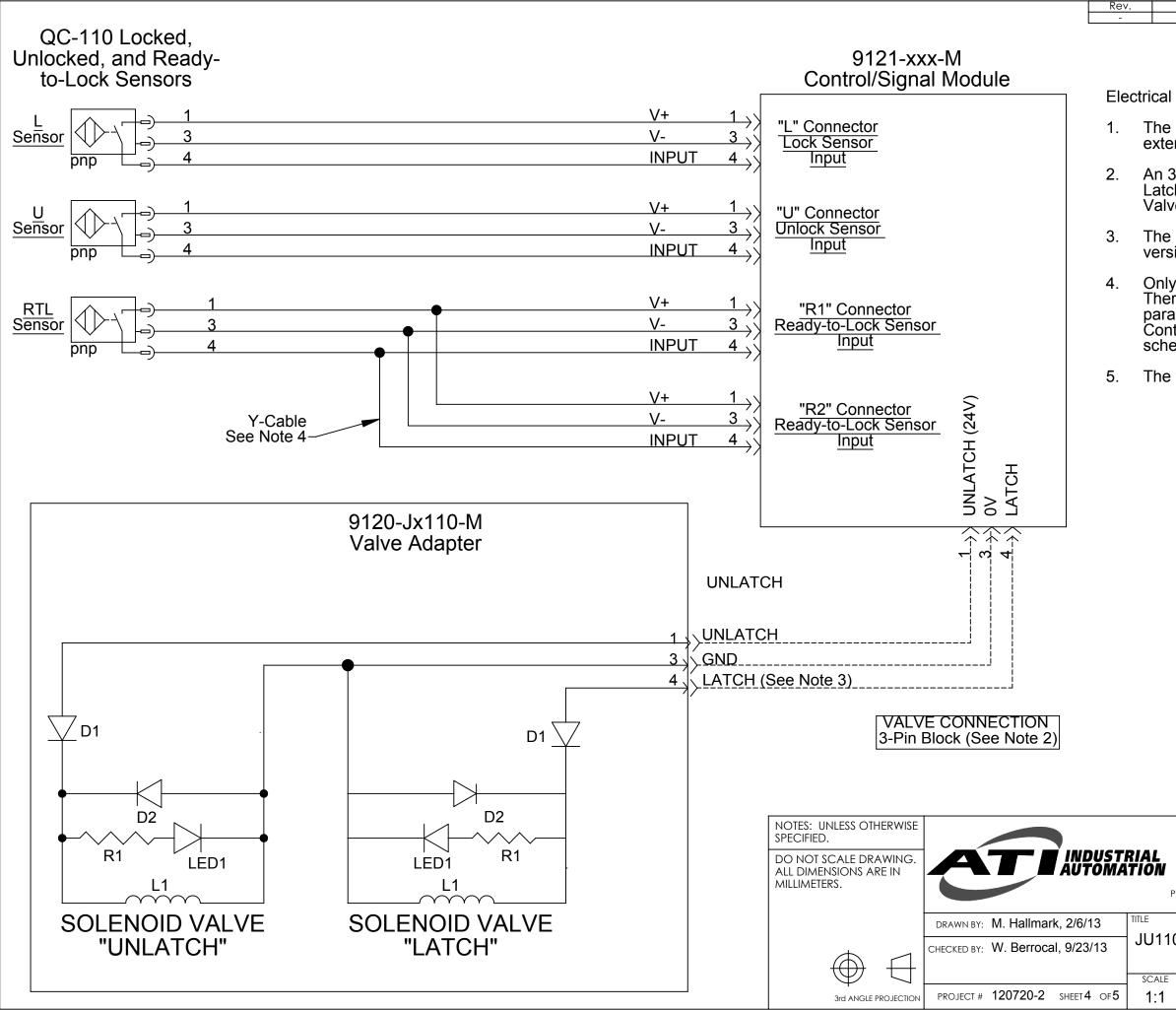


Description See Sheet1	Initiator	Date	e
See Sheet1		-B	
Table 1: Valve Conne		-	)
	<b>jnal</b> ⊦24 VDC)	Wire Brown	
•	'DC	Blue	
	tch	Black	
<u>т</u> La		DIACK	
Tel: +1.919.772.011	NATION, INC. NOT TO BE REP	<i>ia.com</i> RODUCED IN AI	
10 Valve Adapter and Tool Spacer for QC-110, BSPP			
E SIZE DRAWING NUMBER	Jalve Adaptor D		revision 02
B 9630-20-JU110	valve Auapter, D	ual	02

Rev.



		Description	Initiator	Date
		See Sheet1	-	-
-IC	C CI	RCUIT		
•		LOCK PNEUMATIC SIGNAL TO TOOL CHANGER PISTON		
		SUPPLY REQUIREMENTS:		
	•	60-100 PSI FILTERED TO 50 MICRONS NON-LUBRICATED 1/8 NPT OR G CONNECTOF	8	
po: n lo f in not	sition ss of suffic rest	shown in the Latched State, is determined by the solenoid power. cient air pressure is supplied. ricted. As part of a preventative d/or replace the exhaust muffle	e er.	
1		1031 Goodworth Drive, Apex, NC 27 Tel: +1.919.772.0115 Email: info@ Fax: +1.919.772.8259 www.ati-ia. ISO 9001 Registered Company	Dati-ia.com	
PRC		OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPR EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZ		NNER
10	Valve	e Adapter and Tool Spacer for C	QC-110, BSI	ър
_E I	size B	DRAWING NUMBER 9630-20-JU110 Valve Adapte	r, Dual	REVISION



Description	Initiator	Date
See Sheet1	-	-

**Electrical Schematic Notes:** 

1. The complete tool changer package comes equipped with external cables that are connected to the sensors.

An 3-Pin internal pin block is used to transmit the Latch/Unlatch signal from the Control/Signal Module to the Valve Adapter.

The 9120-JU110-M Valve adapter is a Dual solenoid version.

Only one RTL sensor is available in the QC-110. Therefore, the one RTL sensor output is connected in parallel to the two RTL inputs of the 9121-XXX-M Control/Signal module via a Y-cable, as shown in the schematic.

The valve requires supply voltage between 19-29V.

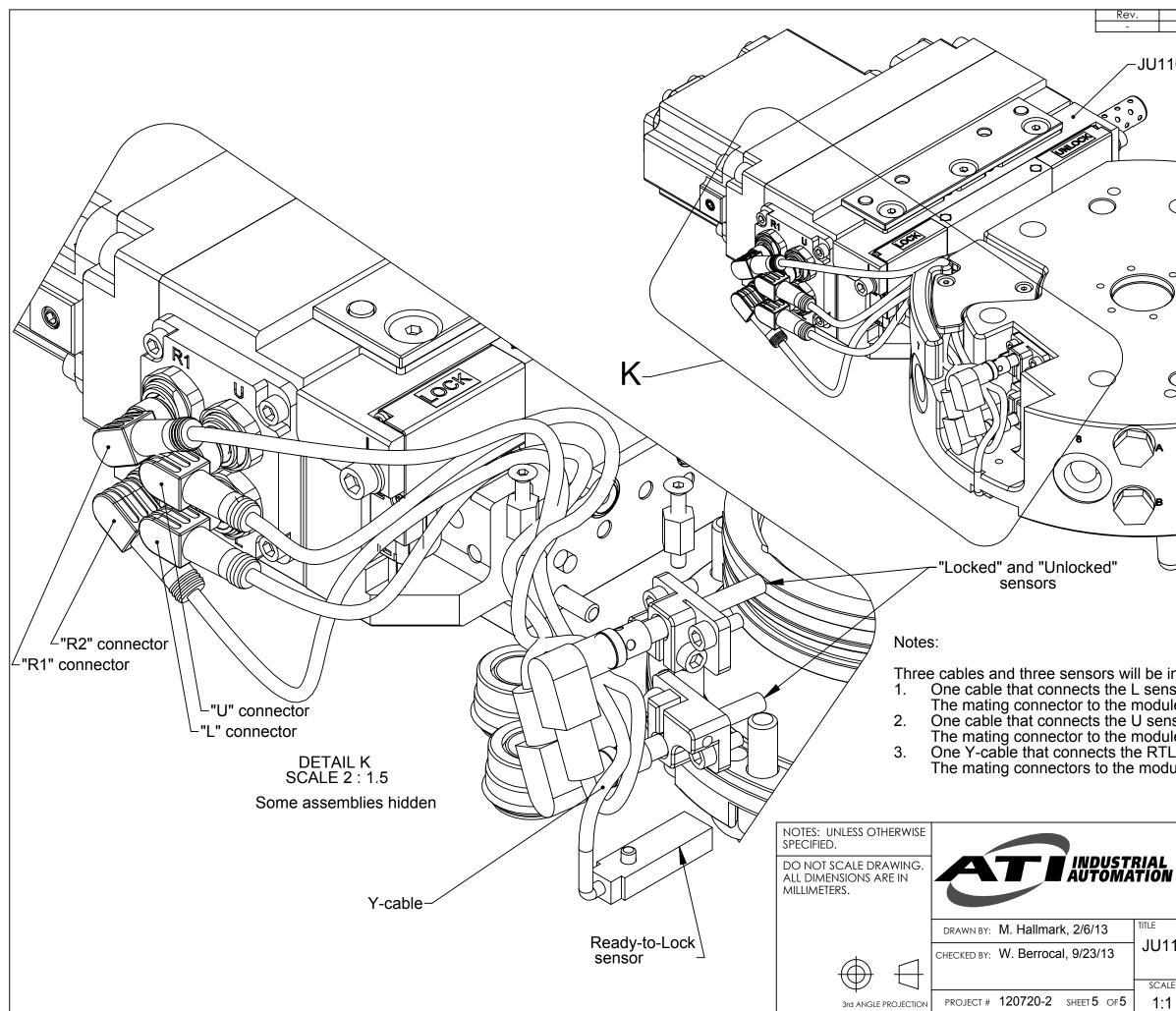


PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

## JU110 Valve Adapter and Tool Spacer for QC-110, BSPP

SIZE	DRAWING NUMBER
В	DRAWING NUMBER 9630-20-JU110 Valve Adapter, Dual

revision **02** 



Description	Initiator	Date
See Sheet1	-	-
See Sheet1	-	-
ncluded with the QC-110: sor to the module "L" connector. le will be M8, right angle, 3-Pin Male, w isor to the module "U" connector. le will be M8, right angle, 3-Pin Male, w L sensor to the module "R1" and "R2" co	ith LED ind onnectors.	icators.
ule will be M8, right angle, 3-Pin Male, w 1031 Goodworth Drive, Apex, NC 27 Tel: +1.919.772.0115 Email: info Fax: +1.919.772.8259 www.ati-ia: ISO 9001 Registered Company PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPF EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHOR	with LED in 7539, USA @ati-ia.com .com	

10 Valve Adapter and	<b>Tool Spacer for</b>	QC-110, BSPP
----------------------	------------------------	--------------

\LE	SIZE	DRAWING NUMBER	REVISION
1	В	9630-20-JU110 Valve Adapter, Dual	02