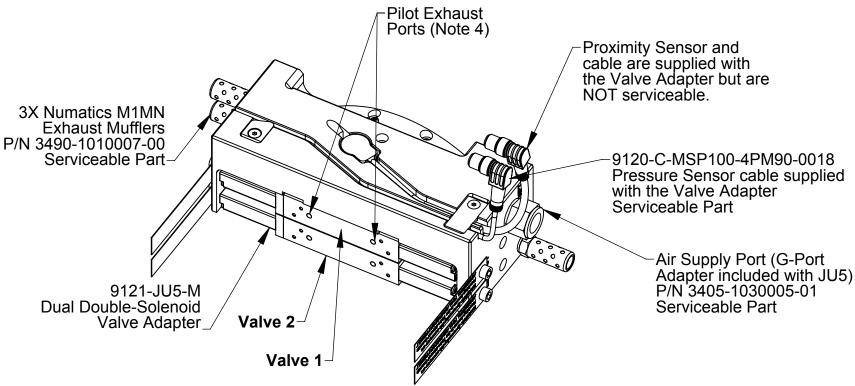


Valve 1 Manual Override Access The 9121-JU5-M is supplied with a 1/4 G Use to Unlock Valve 1 (Cover Screw and Warning Adapter Fitting Label are Supplied)
See Note 1 (The thread in the Valve Adapter Housing is 1/4 NPT) Valve 1 Mounting Fastener Access See Note 3 Valve 2 Mounting Valve 2 Manual Override Access Fastener Access Use to Unlock Valve 2 See Note 3 (Cover Screw and Warning Label are Supplied) **DETAIL B** See Note 1



## Notes:

WARNING: Tool Release Will Occur with the simultaneous actuation of the two Unlatch Valve Manual Overrides (U1 and U2).

Use of the valve manual override is restricted to contingency situations. The tool changer and associated tool should be in a secured location prior to actuation of the manual override.

Insert a ball-end 2mm hex key or similar blunt object in the two locations shown and manually depress both valve manual overrides (must be depressed simultaneously). Replace the cover screws and warning labels when finished.

- Signals are sourced from the Control Module via the 4-Pin Block. The JU5 is designed to operate with a Control Module generating two independent Unlatch signals (i.e.
- dual channel) such as the 9121-DL5-M PL d Compliant Profinet Module.
  The valve mounting access holes are to be used only in a valve replacement situation. A 3mm hex key is to be used to loosen the cone point set screws that retain the valve. Care should be taken to avoid damaging the valve solenoid connector during the valve removal process.
- To ensure proper valve operation, do not block or restrict the Pilot Exhaust ports.



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3rd ANGLE PROJECTION

CHECKED BY: W. Berrocal 6/29/15

Valve Adapter, Dual Double Solenoid Valves, G, QC-310, w/Proximity and Pressure Sensor

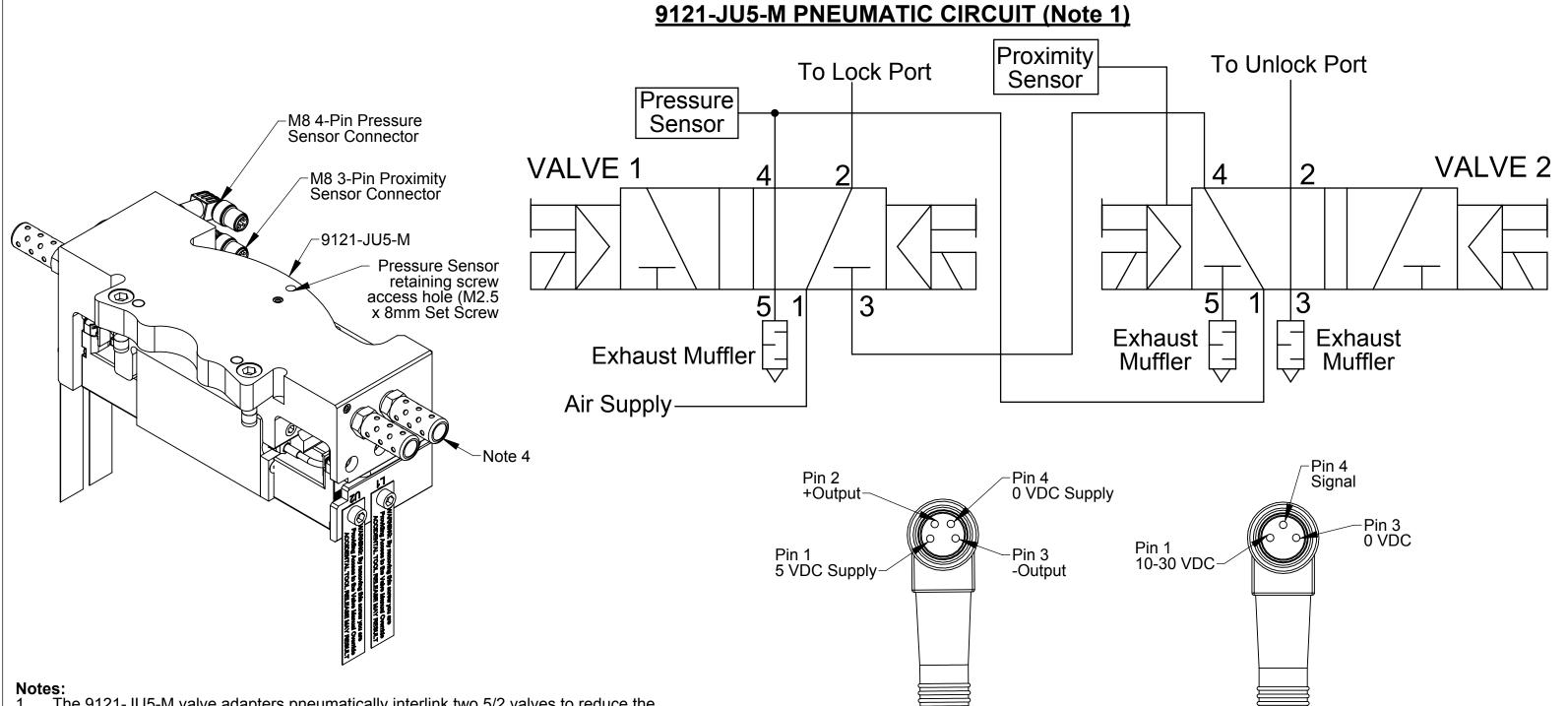
SCALE PROJECT # 130208-3 SHEET 2 OF 3 1:2

SIZE В

DRAWING NUMBER 9630-20-JU5

REVISION

03



- 1. The 9121-JU5-M valve adapters pneumatically interlink two 5/2 valves to reduce the probability of an unintended tool unlock. With this design, the Tool Changer will unlock ONLY when BOTH valves are in the UNLATCH position. Note: Two independent Unlatch signals are required to energize the two valves and cause the Tool Changer to unlock. To lock the Tool Changer, a single Latch signal is provided to both valves.
- 2. The 9121-JU5-M Valve Adapter must be used with a Control Signal module that can support the pressure sensor and proximity sensor inputs generated by the JU5 (ex. 9121-DL5-M). Reference manual for detailed instructions on the operation of the JU5.
- 3. The valves must be supplied clean, dry, non-lubricated air at 60 to 100 psi (4.1-6.9 Bar) and filtered at 40 microns or better. NOTE: The valves will NOT operate correctly if insufficient air pressure is supplied.
- 4. It is critical that the exhaust mufflers are not restricted. As part of a preventative maintenance program, periodically inspect and/or replace the exhaust mufflers.



## Proximity Sensor Interface Connector

