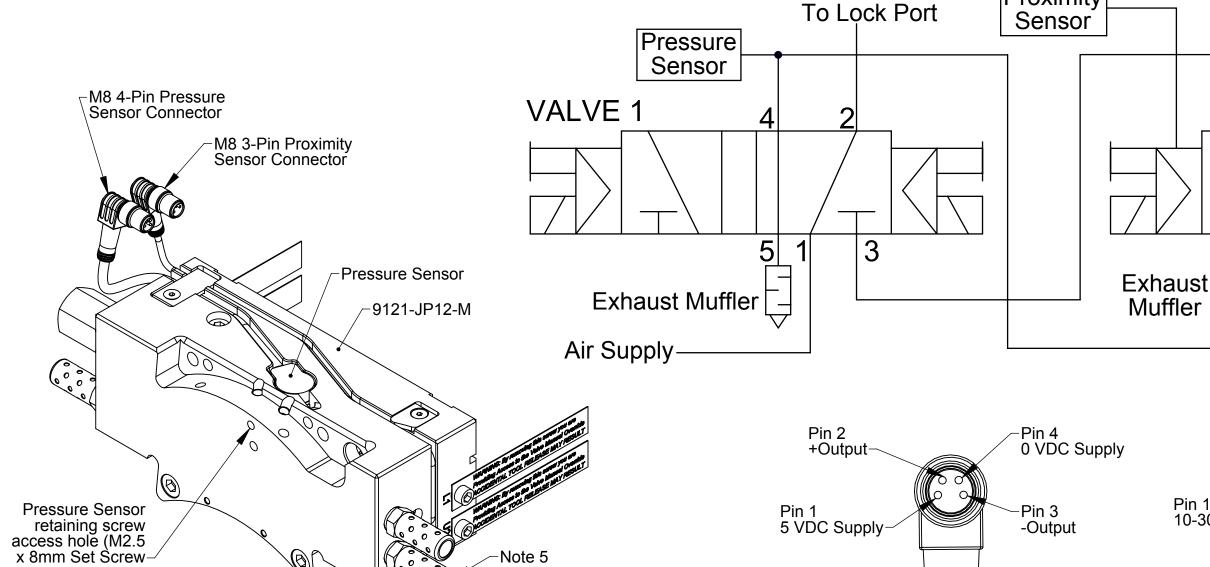
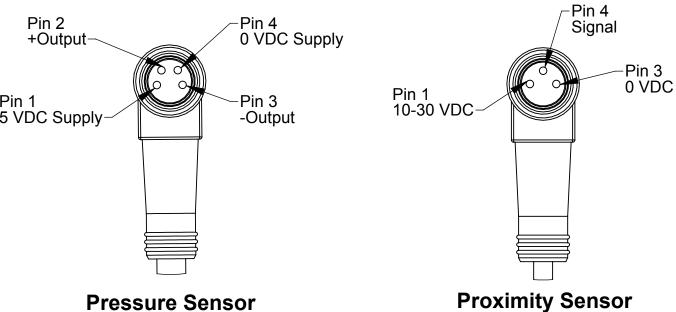


9121-JR4-M PNEUMATIC CIRCUIT (Note 1) Proximity



- 1. The 9121-JP12-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.
- The 9121-JP12-M Valve Adapter must be used with a Control Signal module that can support the pressure sensor and proximity sensor inputs generated by the JR4 (ex. 9121-DL5-M). Reference manual for detailed instructions on the operation of the JR4.
- The valves require supply voltage between 19-29V, the pressure sensor requires 5V, and the proximity sensor 10-30V.
- 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.
- 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.



NOTES: UNLESS OTHERWISE SPECIFIED. INDUSTRIAL AUTOMATION DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.

Pressure Sensor

Interface Connector

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Interface Connector

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DRAWN BY: R.Robinson 1/25/18 CHECKED BY: W. Berrocal 1/28/18

Valve Adapter, Dual Double Solenoid Valves with Diagnostic Sensing, R. QC-210 w/ Valve Pass Thru

PROJECT # 180124-1 SHEET 3 OF 3

SCALE 1:2 DRAWING NUMBER

REVISION

VALVE 2

В

9630-20-JP12

To Unlock Port

3

Exhaust

Muffler

02