

## 10260A series Auto/Manual Switch kit Replacement/Upgrade Instructions 51309623-502

### Document Number

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### Summary

This kit contains a new auto/manual switch assembly for your 10260A actuator.

### Procedure

See Table 1 for procedure.

### **WARNING**

Disconnect power before accessing components inside the instrument.

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### **ATTENTION**

When working with circuit cards always protect against electrostatic discharge by wearing a grounded wrist strap.

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**Table 1 10260A Auto/Manual Switch Installation Procedure**

Step	Action
1	<b>Remove lower rear cover.</b>
2	<b>Remove terminal board plate.</b>
3	<p><b>If replacing the switch, disconnect switch wires and remove switch:</b></p> <ul style="list-style-type: none"> <li>• Disconnect auto/manual switch wires from TB1-1, TB1-8, TB1-9, TB2-12, TB2-13, TB4-28, TB4-29. (TB1 is the top terminal board. TB1-1 is the leftmost terminal on the top terminal board.)</li> <li>• Remove switch knob by pulling it off the shaft.</li> <li>• Remove nut securing switch to side of unit.</li> <li>• Pull switch out of unit side wall.</li> </ul>
4	<p><b>Install new switch:</b></p> <ul style="list-style-type: none"> <li>• See Figure 1. Attach switch label to side wall.</li> <li>• Remove nut from threads on switch. Insert switch through side wall. Make sure the stub engages the small hole.</li> <li>• Screw the nut onto the switch shaft and tighten it securely.</li> <li>• Attach knob to shaft with set screw on flat side of shaft.</li> </ul> <div data-bbox="558 957 1230 1402" style="text-align: center;"> <p>Knob      Label      Auto/Manual Switch</p> </div> <p style="text-align: center;">Figure 1 Auto/Manual Switch Installation</p>
5	<p><b>Connect switch wires:</b></p> <ul style="list-style-type: none"> <li>• If adding (not replacing) the switch, remove blue and orange wires from TB1-8 and 9. Connect blue wire to TB2-13 and orange wire to TB2-12.</li> <li>• If adding or replacing the switch, one at a time connect auto/manual switch wires as follows. Some terminals have dual (piggyback) wires attached; make sure the wires are attached to the correct terminals. Make sure piggyback wires on outermost terminals are facing the inner terminals, not facing away from the terminals. For example, TB1-1 should have its piggyback terminal positioned between TB1-1 and TB1-2.</li> </ul> <p>Black TB1-1, white TB1-8, brown TB1-9, green TB2-12, violet TB2-13, orange TB4-28, red TB4-29.</p>
6	<b>Reattach terminal board plate.</b>
7	<b>Install new gasket and reattach cover.</b>

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**Table 1 10260A Auto/Manual Switch Installation Procedure**

<b>Step</b>	<b>Action</b>
8	<b>Check switch for proper operation:</b> <ul style="list-style-type: none"><li>• Reconnect power.</li><li>• Set switch to CW and check for clockwise motion.</li><li>• Set switch to CCW and check for counterclockwise motion.</li><li>• Set switch to A/M and check for motion per 4-20 mA.</li><li>• If motion is incorrect, disassemble and check wiring in step 5. Repeat steps 6-8.</li></ul>