



# **Assembly instruction Mounting TZID-C on A-actuators**

**Mi-811-M EN**

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## Valve supplier

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## Procedure

1. Mount the shaft coupling and the mounting-block on the TZID-C.



2. Mount the TZID-C on the actuator. Note - the position arrow of the positioner shaft must be inside sensor area over the valve range. Tighten the nuts over the stainless steel blades of the mounting block.



3. Connect OUT1 (and OUT2 if double acting) to the actuator. For Fail safe positioners OUT2 will be pressurized in case of power failure, connect OUT2 the desired side of actuator (Open / Close). Apply supply pressure to "IN" port, maximum 6 Bar.
4. Connect a mA source to the TZID-C (Terminal 11/12) and apply at least 4 mA.
5. Check mounting – press and hold the 'MODE' button. Use one arrow button to select '1.3 manual sensor'
6. Release the 'MODE' button. Use the arrow buttons to operate the valve manually. The display should show a reading between -57 ° and +57°, if not adjust the shaft coupling.
7. Press and hold 'ENTER' until 'ADJ.ROT' appears in the display. Release 'ENTER' button and press the "ENTER" button again. When the countdown from 3 to 0 has finished release the 'ENTER' button. The autotuning of the positioner starts now (Caution – The valve will move).
8. When the autotuning is finished, the TZID-C returns to control mode (1.1 control FIX) by itself.

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