

Installation Instruction

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FieldQ XP Control Modules

Manual Control option

For commissioning, emergency or maintenance purposes, the FieldQ can be supplied with one or two Manual Control options. These can operate the pilot valve(s) inside the module and as such operate the actuator, when there is air pressure available, but no control signal or power supply.

1 Mounting Manual Control

- 1 To add a Manual Control, remove the plug(s) in front of the module and turn in the Manual Control.
 - For normal operation the module should be fitted with one Manual Control.
 - For Double Acting with a Fail-in-Last-Position function, two Manual Control can be fitted.

2 Manual Control operation

- 1 The Manual Control has a "Push & Lock" function:
 - To operate the Manual Control, use a screw driver, push to activate and release to de-activate the pilot valves.
 - If required turn it 45°, to lock it in position and keep the actuator in its operated state.
- 2 In case of a Fail in Last Position configuration with two manual controls:
 - The manual control on the right side (default location) will pressurize the central air chamber and cause the actuator to rotate counter clock wise. For reverse acting FieldQ actuators (Assembly code CC) the actuator will rotate clock wise.
 - The manual control on the left side (Location for 2nd Manual Control) will pressurize the end cap air chambers and cause the actuator to rotate clock wise. For reverse acting FieldQ actuators (Assembly code CC) the actuator will rotate counter clock wise.
 - In order to operate one of the manual control, be sure the opposite manual control is de-activated and unlocked.
- 3 It is possible to rotate the screw multiple cycles. The unit will than toggle every 90° between "locked" (1) and "unlocked" (0).

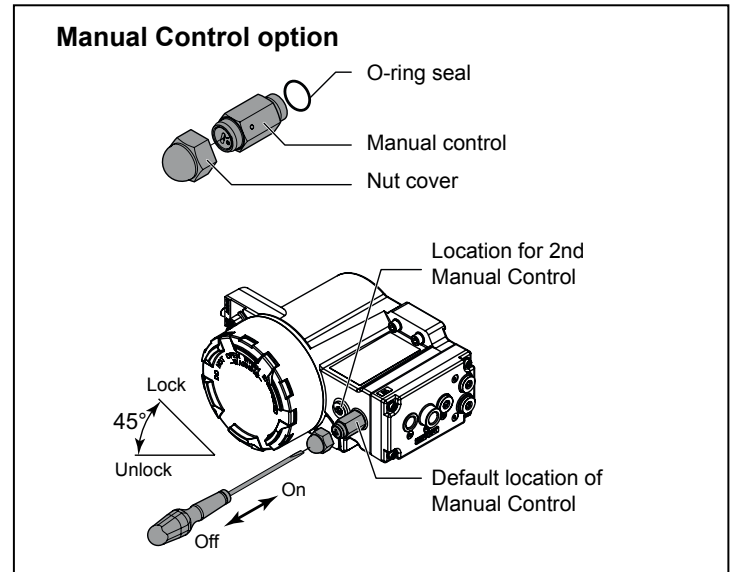


Figure 1 Local Manual Control option



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