

CHECK LIST

Checking actuator settings requires the use of  and  keys only. Displays on actuator show set values. Return to the start of the setting procedure (Position Display) by pressing  and  together. Checking may be carried out with the actuator in either Setting or Checking mode.



Until C1 (DIRECTION TO CLOSE) is displayed



Clock



Anti-clock



To display C2 (CLOSE ACTION)



Limit



Torque



To display C3 (OPEN ACTION)



Limit



Torque



To display t C (TORQUE VALUE CLOSING)



Display shows selected torque e.g. 40%



To display t C (TORQUE VALUE CLOSING)



Display shows selected torque e.g. 40%

Press  and  together to return to Position Display and move valve to fully closed condition checking that closed symbol and lamp appear just as the limit of travel is reached.

Move valve to fully open position checking that open symbol and lamp appear just as the limit of travel is reached.

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IQ RANGE

BASIC SETTING INSTRUCTIONS

Actuator Indicator Display Window


Hold setting tool directly in front of indicator window. Range 0.5 metres (18 inches)


 Across Key

 Plus Key

Setting Tool

Down Key 

Minus Key 

Enter Key 



Red Local / Stop / Remote Selector. Select to "Local"

These instructions enable the actuator to be configured to suit the valve and must be carried out before electrical start up. For complete instructions see Publication E170E3.

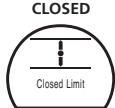


POSITION DISPLAY

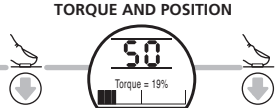
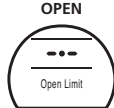


Switch on actuator power supply - select Local control. Setting may take place with display indicating closed, mid travel or open. Display will not indicate true position until position limit settings have been completed.

When using the setting tool press key until display changes



(00 to 99)



PASSWORD DISPLAY



Default password is I d - do not change



Bar indicators appear confirming that setting mode has been entered. If bar indicators are not displayed, the actuator is in checking mode and settings cannot be changed.

OTHER ACTUATOR SETTINGS



Site configuration of indication and control options (see Publication E170E)

VALVE CONTROL DISPLAY



CI (DIRECTION TO CLOSE)



Clock



Anti Clock

To Set

C2 (CLOSE ACTION)



Limit



Torque

To Set

C3 (OPEN ACTION)



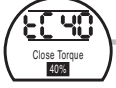
Limit



Torque

To Set

TORQUE VALUE DISPLAYS



40% to 99% or rated (100%)



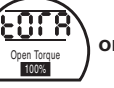
Rated

To Set

TO (TORQUE VALUE OPENING)



40% to 99% or rated (100%)



Rated



Boost

To Set

TRAVEL LIMITS



LC (LIMIT CLOSED)



Manually operate the actuator to the fully closed position and back-off half to one turn of the actuator output.



To Set

LO (LIMIT OPEN)



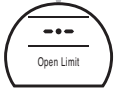
Manually operate the actuator to the fully open position and back-off half to one turn of the actuator output.



To Set

When the ← is pressed the bars will flash and the appropriate indicator lamp will be illuminated.

POSITION DISPLAY



Initial actuator settings are now complete and it is possible to operate the actuator electrically.

It is possible to return to the position display from anywhere in the setting procedure by pressing ↓ and → together.

