

Installation, Operation & Maintenance



Smart Actuators - Covering All Models

Thank you for purchasing the CNX range of electric quarter turn actuators.

Please follow the basic instructions on how to use your product to ensure that the product's 12 month warranty is not void.

Important - **Your Smart Actuator has Password protected Menu screens.** Call your reseller/technical support centre for access to these screens and to gain passwords. **Adjusting your actuators settings can effect its performance. Full screen by screen user guide available on request with request for passwords.**

For more detailed documentation relating to your CNX actuator, please contact the Customer Support Team on +44(0)1454 334990 or email sales@solenoid-valves.com



CNX20 Smart

Smart Actuators

- Hold down the bottom button to display a flashing K3 - after 5 seconds you will put the actuator into manual local control. You can now control the actuator open/ close independent of the powered command. For some models this option might be password protected. To come out of this mode simply press the M button or wait for around 20 seconds and the unit will time out. The actuator WILL NOT stay in MANUAL. **Do not put any force onto the screen and DO NOT remove clear cover over screen and buttons.**
- The top M button will take you into the MENU mode. This varies between actuator but is generally used to set working angle, close position adjustment, working speed and for failsafe actuators you can select if the actuator will fail open or closed on power fail. The Modulating actuators have their own options also. See specific actuator technical IOM's for full menu system. Note on some models this feature might be password protected.
- If your actuator displays ALERT this is to advise of an issue with the actuator. If fitted to a valve, check the torque is not more than the actuator can output. If the valve is jammed, free the blockage and re power the actuator. If the actuator is not fitted to a valve, check power supply. If ALERT remains on screen, call technical support.
- If the actuator shows NO CTRL—this means there is no modulating control signal. Check wiring.
- If actuators shows Pwr Cut—this means the actuator cannot see a live voltage. Check wiring.

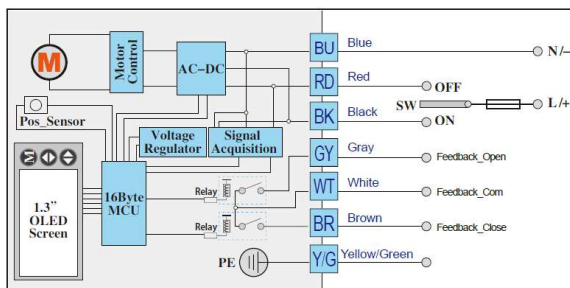
Local controls:

M button is used to enter and switch menus.
K2 is used in conjunction with K3 for adjusting values.
K3 is used for changing settings, navigating menus, exiting and saving.
OLED Screen with clear blue letters against a black background



Passwords available on request

CNX20S Smart Modulating



CNX20S Smart ON OFF & Failsafe

