

AV Actuators Introduce Compact Smart Electric Actuators



New to the European market, the **AVA electric valve actuator** brings a wealth of features, including a 1 second working time, in a housing the size of a drinks can.

The new AVA range of electric valve actuators, available from the exclusive UK distributor AV Actuators Ltd, brings a new dawn to the electric actuator market. Its most popular model, covering 20Nm, is smaller than

a soft drink can, making it a far more suitable size match to the volume 1/2" to 2" market, ideal for brass, plastic and stainless steel ball valves.

IP67 AVA electric actuators offer a base model that covers on-off applications where only position indication and a mechanical manual override is needed. Keeping the feature set low reduces manufacturing costs and a very competitively priced actuator is the result.

The smart AVA actuator goes to the other end of the spectrum and offers a truly impressive standard feature set, bringing a local control feature which uses external push buttons and a bright OLED screen to run through options and their associated parameters.

As standard the smart versions use a digital position sensor, push button manual override and mechanical override, a local visual position indicator, remote end of travel confirmation,

2 types of speed control, push button end of travel adjustment and 3 position configuration. Mounting conforms to the industry standard ISO5211 and a female octagonal drive.

Impressive as this standard feature set is, the AVA actuator comes into its own when its options are considered, and confirm that the AVA actuator fully deserves its smart actuator tag line.

The AVA's failsafe function does not use batteries and solves the age old anxiety of battery reliability. Digital position sensing and monitoring brings high accuracy to the modulating function, the modulating function even monitors the positioning accuracy and auto adjusts to ensure a minimum of 1% is achieved.

Other options include bus communication using either Modbus, or Canbus, wireless function including Modbus, timer function, and alarm outputs. Smart.



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