DUNGS®
Combustion Controls

DUNGS Actuators FCD & Flow Control Valves FCV

The Flow Control Drive actuators are used to control motor-driven control and throttle valves. In combination with the different FCVxx flow control valves, the FCD actuators form an ideal combination. Flow rates of air or gas can therefore be precisely controlled.



The DUNGS Flow Control Drive FCD actuators are programmable, electronic actuators with 2-point step as well as analogue control.

- Torque: 4, 12 and 35 Nm
- Mains voltage:
  - 90 ... 260 V AC
  - 18 ... 30 V DC
- Variants with reduced rotation time available (two times respec. four times faster , torque is reduced accordingly)
- Direction of rotation, rotation time, end positions are programmable
- Device properties and parameters are set directly on the device
- The type of position control (digital/ analogue) can be switched during operation.
- Analouge position feedback
- Two resp. three addtional adjustable cam switches
- Optical position indicator
- Robust aluminium housing IP 65
- Intergrated heating

Approvals FCD
- CE
- UKCA
- EAC

Flow Control Valves FCV without zero shut-off according to EN 13611
- The intermediate flange design allows space-saving installation
- For higher control accuracy, flow control valves with reduced nominal diameter (reduced by one or two nominal diameters) can be used
- Nominal sizes: DN 40 – DN 200
- MOP: 500 mbar (50 kPa)

FCV-A Flow Control Valves Air
The DUNGS flow control valves FCV-A are used to regulate the air supply to air-consumption devices.
- Suitable for air up to + 100 °C
- Ambient temperature: - 20 °C to + 70 °C
- Medium temperature: - 20 °C to + 100 °C
- (Version up to 450 °C / 650 °C on demand)
- Only non-flammable, inert media are permitted

FCV-G Flow Control Valves Gas
The DUNGS flow control valves FCV-G are used to regulate the gas supply to burners and gas equipement.
- Ambient & medium temperature: - 20 °C to + 70 °C
- For gases of gas families 1, 2, 3, 100 % Hydrogen H_2 (dry) and other neutral gases

Approvals FCV
- CE
- UKCA

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FCD FCV-A FCV-G

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