



Actuation

Delta Valves & Plastics offer a complete solution for all your actuated valve requirements. We stock both electric and pneumatic actuators. In-house facilities allow us to assemble and test, and in most cases directly from our stock, giving a same-day service. We can assemble in plastic, ductile iron and steel.

ACTUATOR – ELECTRIC

J + J®



The new series of quarter-turn actuators with voltage range of 24-240 VAC / VDC or 12 VAC / VDC from J+J.

This range includes the addition of a 12V DC brushless motor to give a more efficient performance for maintenance free application. In many cases an actuated valve is positioned in a remote location and requires low maintenance operation for minimal downtime of key process equipment.

The new actuator is known as the J4CS series replacing the already well know previous model J3CS. Also includes is the possibility of incorporating all options; DPS (Digital Positioner System) and BSR (Battery Return System), which are assembled and tested in our facilities in Cork.

- Multi-voltage system. (12, 24-240V AC/DC)
- Multiflange interface ISO 5211.
- Two auxiliary limit switches voltage free feedback
- Manual override.
- Visual position indicator.
- Light indicator operating.
- Temperature of work: -20°C at +70°C.
- Protection IEC 60529: IP-67.
- Enclosure in polyamide.
- Fastenings and main external shaft stainless steel.
- Internal heater for eliminating of damage by condensation.
- Torque limiter.
- Brushless Motor.



BSR security system

In the event of a power failure, the actuator will under the power of continuously charged batteries place the valve in the predetermined preferred position, either NC or NO.

Digital Positioner System

Digital positioner for our models from Instrumentation signal 4-20mA, 0-20mA, 0-10V or 1-10V. This positioner is suitable for S, B and H models.



ACTUATOR - PNEUMATIC

Prisma polyamide pneumatic actuator. 0-90° rotation ATEX EXII2GDc approved and SIL2 rated.

LIGHTWEIGHT AND HIGHLY RESISTANT TO CORROSION

Features:

- Double Acting, Spring failsafe (NC, NO)
- Manufactured in Polyamide + Glass Fibre
- Visual Indicator
- Protection: IP67
- Conforms to all international directives: ISO, DIN, NAMUR,
- VDI/VDE, ATEX, CE, DNV, PCT, SIL3
- NAMUR pneumatic connection for solenoid valve installation
- VDI/VDE 3845 norms to mount accessories
- Conforms to ISO-5211 and DIN-3337 specifications for easy mounting of most valves
- Manufactured under the requirements of DEP 97-23-CE and ATEX 94-9-CE directive
- ATEX EXII2GDc IP67 T6 certification
- Silicon free

SOLENOID VALVES

- Electric control of the actuators
- Namur mounting (direct to actuator)
- Wide range of voltages available

LIMIT SWITCH BOXES

- Detection of open - closed position of the actuator.
- Limit switches installed inside box with IP protection
- High visibility position indicator (open - closed)

POSITIONERS

Regulation of the actuator position according to a variable instrumentation signal. Electropneumatic (4-20mA instrumentation), Smart (4-20mA instrumentation), pneumatic (3-15 psi instrumentation). Standard IP67



DELTA
VALVES & PLASTICS

Delta Valves & Plastics



Unit 18, Westlink Business Park, Old Mallow Road, Cork, T23 EC94



021 4399 377



info@deltavalves.ie



deltavalves.ie