

# Incoval Automation

Valve Automation Systems



*Leading the Industry with Innovation by Design*

# Valve Automation

Incoval Controls is pleased to offer customized Valve Automation Systems. The systems are integrated and tested as per customer specifications by assembling high quality accessories with Incoval valves and Incoval actuators. The “direct mount” feature of all Incoval valves, Incoval actuators and manual overrides eliminates the need for any brackets and couplings, thus saving costs and enhancing performance by reducing hysteresis.

## Valve Position Monitoring and Control Accessories

Valve position monitoring and control is achieved by mounting accessories such as limit switch assemblies, valve positioners and valve position transmitters. Incoval offers limit switch assemblies in explosion-proof enclosures or weather-proof enclosures and with a variety of switch options. Valve positioning is achieved by mounting an electro-pneumatic or pneumatic valve positioner. The interfacing conforms to NAMUR dimensions.

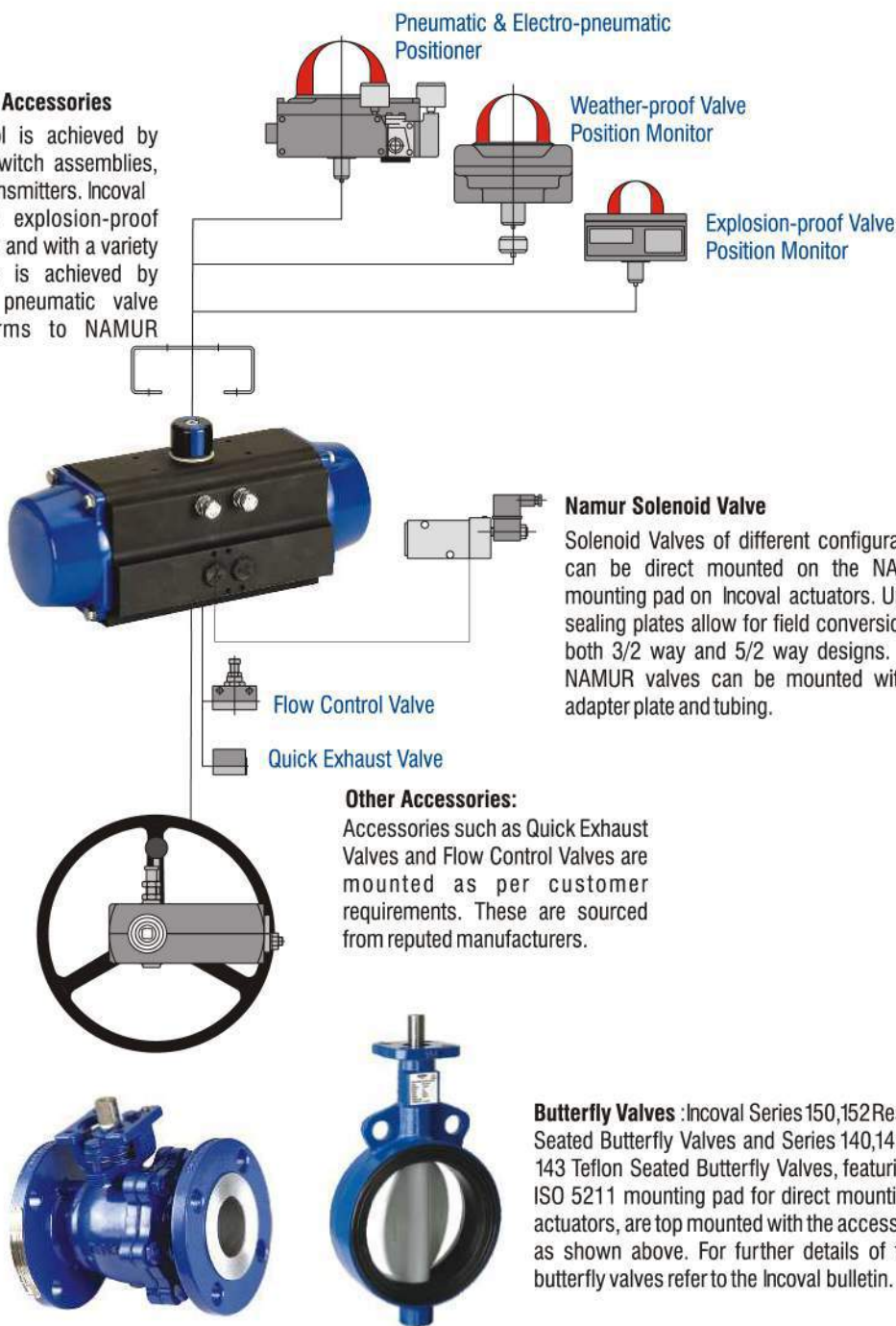
## Actuators

Incoval Series 121 Pneumatic Rack & Pinion Actuators are directly mounted on the valve top flange. The Incoval range includes a wide torque output in double acting and spring return models. Refer to the Incoval Series 121 Pneumatic Rack & Pinion Actuator bulletin for further details.

## Dec clutchable Manual Override

The Series 114 direct mounting declutchable manual override with hand-wheel is added to facilitate manual operation of the valve. The clutching mechanism can be easily engaged to operate the valve and actuator. Refer to the Incoval bulletin for further details.

**Ball Valves:** Incoval Series 160,161,162, 163 Industrial Process Ball Valves, featuring an ISO 5211 mounting pad for direct mounting of actuators, are top mounted with the accessories as shown above. For further details of these ball valves, refer to the Incoval bulletin.



## NAMUR Solenoid Valve

Solenoid Valves of different configurations can be direct mounted on the NAMUR mounting pad on Incoval actuators. Unique sealing plates allow for field conversion for both 3/2 way and 5/2 way designs. Non-NAMUR valves can be mounted with an adapter plate and tubing.

## Other Accessories:

Accessories such as Quick Exhaust Valves and Flow Control Valves are mounted as per customer requirements. These are sourced from reputed manufacturers.

**Butterfly Valves :** Incoval Series 150,152 Resilient Seated Butterfly Valves and Series 140,141,142, 143 Teflon Seated Butterfly Valves, featuring an ISO 5211 mounting pad for direct mounting of actuators, are top mounted with the accessories as shown above. For further details of these butterfly valves refer to the Incoval bulletin.

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