FEATURES

- Standard NEMA 4 coils are certified to CSA, UL and CE standard.
- Explosion-Proof series coils are CSA certified and FM approved for Hazardous locations
  - Class I Zone I
  - Ex m II T4, AEx m II
  - Class I; Div I Groups A, B, C and D
  - Class II, Groups E, F and G
  - Class III
- Intrinsically Safe series coils are CSA and CE certified, FM and PTB approved for Hazardous locations
  - II 2G EEx ia IIC T6 or T4 approved
  - IEx ia IIC T6 or T4 approved
  - FM IS Class I Group A, B, C and D; Class II Group E, F and G; Class III
  - Barrier not included
- ATEX series coils are CE certified and approved by PTB
  - II G/D EEX m II T6, T5, T4 approved
  - IEC Ex m II T6, T5, T4
- Robust, Reliable and Compact design provides bubble-tight shut-off for millions of cycles.
- Corrosion resistant construction with standard manual override.
- Direct mounting conforms to NAMUR VDI/VDE 3845 standards.
- High Flow / Fast Response, Actual figures: .8 Cv, 20 ms ON, 40 ms OFF
- Pressure 35-120 psi

- 5/2 and 3/2 function selectable via 180° rotation of single adapter plate.
- Exhaust feedback - provides spring chamber with instrument air preventing corrosion.
- Operating temperature range -4°F to +140°F (-20°C to +60°C)

FUNCTION

5/2

5/2 configuration for double-acting actuators. De-energized state, with supply to port 1, flow is directed to port 4 and port 2 is vented to atmosphere via port 3.

3/2

3/2 configuration for spring return actuators. De-energized state, supply port 1 is blocked and port 2 exhaust is fed back to port 4 with excess vented to atmosphere via port 3.

MEDIA

- Compressed air, lubricated or non-lubricated
- Instrument air
- Nitrogen

APPLICATIONS

- Control of quarter-turn and linear process valve actuators
- Control of diaphragm valves
- General automation
NEMA 4/4X

- Function window shows 5/2 or 3/2 selection w/ schematic
- Exhaust ports 1/8" NPT
- 1/2" threaded
- Manual override
- Clearances for explosion-proof & intrinsically safe coils
- Supply port 1/4" NPT
- Namur mount
- M5 fasteners std imperial optional
- Single adapter plate rotates 180° to change 5/2 - 3/2 function
**How to Order**

<table>
<thead>
<tr>
<th>Model</th>
<th>Rating</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOL</td>
<td>4 = NEMA 4</td>
<td>2A = 24 VAC</td>
</tr>
<tr>
<td></td>
<td>7 = NEMA 7/9</td>
<td>2D = 24 VDC</td>
</tr>
<tr>
<td></td>
<td>A = ATEX</td>
<td>12 = 120 VAC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>22 = 220 VAC</td>
</tr>
</tbody>
</table>

**Function Window**

Shows 5/2 or 3/2 selection with schematic.

**Exhaust Ports**

1/8” NPT 0.591 2.469 0.669 0.945

**Manual Override**

2.085 3.070 3.661 1/2” NPT conduit

**Supply Port**

1/4” NPT 0.728 1.063 4.527

**Single Adapter Plate**

Rotates 180° to change 5/2 - 3/2 function.

**Namur Mount**

0.695 Clearance for explosion-proof & intrinsically safe coils.

**Coils**

Can be rotated in 90° increments.

Due to continuous development of our product range we reserve the right to change the dimensions and information contained in this leaflet as required.