5/2 fixed port configuration
Certification T6 (Tamb = -55°C to +50°C (-67°F to +122°F)) & T4 (Max ambient +90°C (+194°F)) or equipment must be used within ‘T’ class temp ranges shown.
EX II 2 GD - gas and dust environments.
Exd protection, gas group IIC.
Atex certification SIRA 05ATEX1156, complies with ATEX directive 94/9/EC
IECEX certification IECEx SIR 05.0029
Safety integrity level SIL 3 or SIL 4 (SIL 4 in a redundant configuration only)
Protection IP66/X8, NEMA 4X

Technical features
Max. inlet pressure: 0-12 bar (0-174 psi)
Flow rates:
\[ C_v = 0.6 \text{ USgpm for } 1 \text{ psi } \Delta p \]
\[ K_v = 8.7 \text{ l/min for } 1 \text{ bar (15 psi) } \Delta p \]
Temperature ratings:
Media (min/max): -55°C/90°C (-67°F/194°F)
Ambient: must be used within ‘T’ class temperature ranges shown

Electrical information

<table>
<thead>
<tr>
<th>Voltage (nominal)</th>
<th>24V DC</th>
<th>Pull-in Voltage</th>
<th>&gt;= 87.5% of nominal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Response Times (Typ)</td>
<td>Pull-in</td>
<td>&lt; 80 MS</td>
<td>Drop Out</td>
</tr>
<tr>
<td>Voltage Protection</td>
<td>Surge suppression diodes fitted as STD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leak Performance</td>
<td>Bubble tight at -50°C. &lt;30cc/m at -55°C.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coiil Encapsulation</td>
<td>Class H</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ICO3S 1/4" 5/2 12 BAR (174 PSI) AUTO
Process connections:
NPT
Weight: 2.3 kg
Operation: Automatic
Coil Rating: 74 ohms
Power Consumption: 7.8 watts
Materials: Valve body & trim - 316L stainless steel
O-Rings seats & seals - nitrile
Paint finish - 316LSS coil housing - unpainted
Ordering information:
Quote: Y015AA1H1BS
Options: None

ICO3S 1/4"5/2 NAMUR 12 BAR (174 PSI) AUTO
Process connections:
Namur mount with 1/4 NPT
Weight: 2.3 kg
Operation: Automatic
Coil Rating: 74 ohms
Power Consumption: 7.8 watts
Materials: Valve body & trim - 316L stainless steel
O-Rings seats & seals - nitrile
Paint finish - 316LSS coil housing - unpainted
Ordering information:
Quote: Y015ANAH1BS
Options: Namur mount supplied with A4-70 mounting bolts and O-rings

Profile and dimensions mm
For further information www.norgren.com
**ICO3S 1/4" 5/2 12 BAR (174 PSI) PBMO**

**Process connections:**
- NPT

**Materials:**
- Valve body & trim - 316L stainless steel
- O-Rings seats & seals - FKM
- Paint finish - 316LSS coil
- Housing - unpainted

**Ordering information:**
- Quote: Y015CA1V1BS
- Options: None

**ICO3S 1/4" 5/2 12 BAR (174 PSI) PBMR**

**Process connections:**
- NPT

**Materials:**
- Valve body & trim - 316L stainless steel
- O-Rings seats & seals - nitrile
- Paint finish - 316LSS coil
- Housing - unpainted

**Ordering information:**
- Quote: Y015PA1H1BS
- Options: None

**ICO3S 1/4" 5/2 NAMUR 12 BAR (174 PSI) JSMO**

**Process connections:**
- Namur Mount With 1/4 NPT

**Materials:**
- Valve body & trim - 316L stainless steel
- O-Rings seats & seals - nitrile
- Paint finish - 316LSS coil
- Housing - unpainted

**Ordering information:**
- Quote: Y015SNAH1BS
- Options: None

Profile and dimensions mm