AMTROBOX R, Heavy-duty signalization box for ¼ turn valves

Applications:
- Industry
- Oil and Gaz
- Marine
  - Cargo system
  - Ballast system
  - Fighting-fire system
  - Treatment of ballast water

Further information:
www.ksb.com/products

Your contact:

KSB
AMTROBOX R, Heavy-duty signalization box for ¼ turn valves

AMTROBOX R is a compact and robust signalization box designed for harsh environment.

**Technical Data**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Standard version</th>
<th>Winterized version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature range</td>
<td>-20 °C to +80 °C</td>
<td>-50 °C to +80 °C</td>
</tr>
<tr>
<td>Position detection</td>
<td>Limit switches / inductive proximity detectors / feedback 4-20 mA</td>
<td></td>
</tr>
<tr>
<td>Field Bus</td>
<td>ASI / Profibus DP</td>
<td></td>
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<tr>
<td>Tightness</td>
<td>IP 68 – (72h, 3 bar), fully submerisible version on option</td>
<td></td>
</tr>
<tr>
<td>Visual indication</td>
<td>by pointer / by flag</td>
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</tbody>
</table>

**Actuator compatibility**

- Manual gearbox : MR
- Pneumatic actuator : ACTAIR / DYNACTAIR
- Hydraulic actuator : ACTO / ENNACTO
- All actuator with VDI/VDE 3845 Interface

**AMTROBOX R EEx-ia (R1188)** Intrinsically safe version for ATEX environment Zone 0 or 20

**AMTROBOX R Exd (R1189)** Explosion proof version for ATEX environment Zone 1 or 21

1. **Tightness**
   - (72h, 3 bar)
   - Fully submerisible on option

2. **Instrumentation:**
   - Open / Close detection
   - Position Transmitter

3. **Double Sealed Protection:**
   - Instrumentation components are separated from the terminal block

4. **Visualization of valve position**
   - By pointer or by flag

5. **Easy access to internal instrumentation**
   - By a screwable cover

6. **Robustness:**
   - Grey Iron with cataphoresis and black epoxy painting