
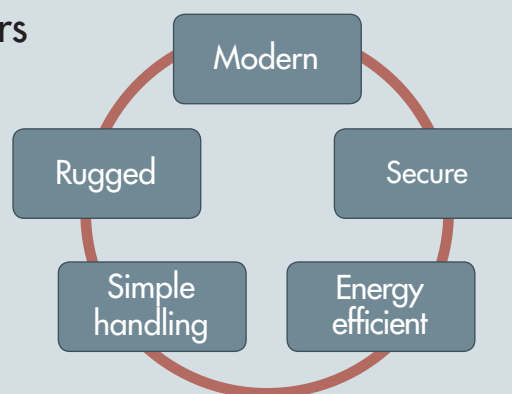


Modern Technology Combined with Proven Devices



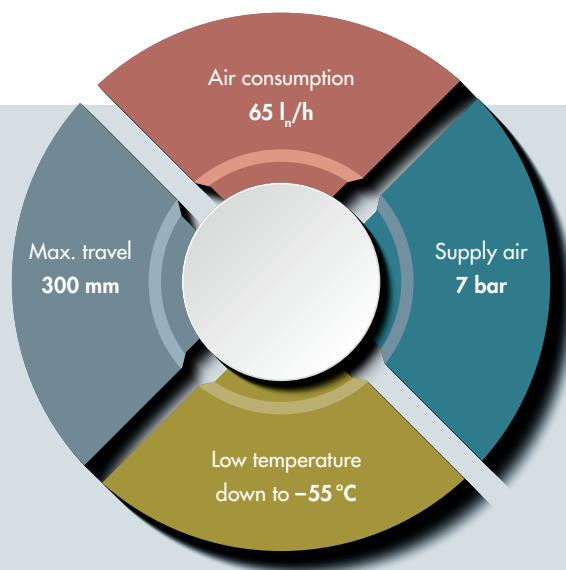
## TROVIS 3730-1 and TROVIS 3730-3 Positioners

- Protected non-contact travel sensing
- Two inductive limit contacts
- New plain-text display with NAMUR Recommendation NE 107 states and messages\*
- Use of proven mounting parts from Type 373x Positioners
- Communication using HART® Revision 7\* 
- Significantly reduced air consumption



\*TROVIS 3730-3 only

# TROVIS 3730-1 and TROVIS 3730-3 Positioners




TROVIS 3730-1



TROVIS 3730-3



<b>Signal range</b>	
<ul style="list-style-type: none"> <li>- Signal range 4 to 20 mA</li> <li>- Split-range operation</li> </ul>	<ul style="list-style-type: none"> <li>- 4 to 20 mA</li> <li>- Split-range operation</li> <li>- Communication using HART® Revision 7</li> </ul> 
<b>Air output capacity</b> (when $\Delta p = 6$ bar)	
<b>To fill actuator with air:</b> $8.5 \text{ m}_n^3/\text{h} \cdot \text{At } \Delta p = 1.4 \text{ bar}: 3.0 \text{ m}_n^3/\text{h} \cdot K_{V_{\max}} (20^\circ\text{C}) = 0.09$	
<b>To vent actuator:</b> $14.0 \text{ m}_n^3/\text{h} \cdot \text{At } \Delta p = 1.4 \text{ bar}: 4.5 \text{ m}_n^3/\text{h} \cdot K_{V_{\max}} (20^\circ\text{C}) = 0.15$	
<b>Degree of protection</b>	
IP 66/NEMA 4X	
<b>Certificates</b>	
ATEX, IECEx, SIL (in preparation)	
<b>Available options</b>	
<ul style="list-style-type: none"> <li>- 2 software limit contacts</li> <li>- 2 inductive limit contacts</li> <li>- Analog feedback</li> </ul>	<ul style="list-style-type: none"> <li>- 2 software limit contacts and 1 fault alarm contact</li> <li>- 2 inductive limit contacts</li> <li>- Analog feedback</li> <li>- Binary input</li> <li>- Forced venting function</li> <li>- External position sensor</li> </ul>

The technical data may be restricted by the limits specified in corresponding certificates.



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