**SERIES DA-7035N | MERCOID® BY DWYER**

**TEMPERATURE SWITCH**
Bulb and Capillary, Inert Gas Fill

The Series DA-7035N Temperature Switch includes the same time-proven switching mechanism used in our Series DA pressure switches. Bourdon tube ensures high sensitivity and long life.

**FEATURES/BENEFITS**
• Adjustable deadband
• No cross ambient temperature effects
• Visible dial calibrated in both °F and °C
• Visible on/off indication

**APPLICATIONS**
• Mechanical process temperature monitoring

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range °F (°C)</th>
<th>Max. Temp. °F (°C)</th>
<th>Min. Deadband °F (°C)</th>
<th>Min. Insertion Depth “E” in. (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA-7035-153-1N</td>
<td>-60 to +30 (-50 to 0)</td>
<td>150 (65)</td>
<td>23 (13)</td>
<td>2-7/8 (73)</td>
</tr>
<tr>
<td>DA-7035-153-3N</td>
<td>0 to 100 (-18 to 40)</td>
<td>240 (115)</td>
<td>25 (14)</td>
<td>2-7/8 (73)</td>
</tr>
<tr>
<td>DA-7035-153-4N</td>
<td>50 to 150 (10 to 65)</td>
<td>250 (120)</td>
<td>25 (14)</td>
<td>2-7/8 (73)</td>
</tr>
<tr>
<td>DA-7035-153-5N</td>
<td>100 to 200 (40 to 95)</td>
<td>300 (150)</td>
<td>25 (14)</td>
<td>2-7/8 (73)</td>
</tr>
<tr>
<td>DA-7035-153-7N</td>
<td>140 to 300 (60 to 150)</td>
<td>500 (260)</td>
<td>41 (23)</td>
<td>2-7/8 (73)</td>
</tr>
<tr>
<td>DA-7035-153-8N</td>
<td>250 to 415 (120 to 215)</td>
<td>550 (290)</td>
<td>42 (23)</td>
<td>2-7/8 (73)</td>
</tr>
<tr>
<td>DA-7035-153-9N</td>
<td>350 to 550 (175 to 290)</td>
<td>600 (315)</td>
<td>50 (28)</td>
<td>4-7/8 (124)</td>
</tr>
<tr>
<td>DA-7035-153-10N</td>
<td>500 to 600 (250 to 315)</td>
<td>500 (315)</td>
<td>50 (28)</td>
<td>2-7/8 (73)</td>
</tr>
<tr>
<td>DA-7035-153-11N</td>
<td>600 to 700 (315 to 370)</td>
<td>600 (315)</td>
<td>100 (56)</td>
<td>2-7/8 (73)</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

Service: Compatible liquids or gases.
Wetted Materials: Bulb and connection: 304 SS.
Temperature Limit: Process: See model chart; Ambient: 180°F (82°C).
Pressure Limit: 300 psi (20.6 bar).
Enclosure Rating: General purpose. Optional weatherproof and explosion-proof.
Repeatability: ±1% FS.
Switch Type: SPDT snap switch.
Optional DPDT snap and a variety of mercury switches.
Electrical Rating: 10 A @ 120/240/480 VAC.
Electrical Connections: Screw terminal.
Conduit Connection: 7/8” (22.23 mm) hole for 1/2” (12.7 mm) conduit hub.

**Warning:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

**USA:** California Proposition 65

©2023 DWYER INSTRUMENTS, INC. | dwyer-inst.com