Special Stems for Gas-actuated Thermometers

Stem without bent tube

**Application**

For difficult installation conditions and overlong thermowells.

**Standard Versions**

For thermometers with rigid mount to stem, with neck tube between thermometer and stem, capillary line between connection screw fitting and vessel (active length La), capillary line wetted, if applicable.

**Temperature Sensor (Stem)**

Made of stainless steel 316Ti (1.4571)

Max. static operating pressure: 25 bar

Stem models optionally: A3.2, A4.2 or A4.3

**Stem Ø dF**

8, 10 or 12 mm

**Capillary Line**

Stainless steel, Ø 2 mm

**Stem Length (Capillary Line and Vessel)**

L = 200 mm to 15 m

**Material Connection Screw Fitting**

Stainless steel 316Ti (1.4571)

**Options**

- Other connection threads upon request
- Other stem (vessel) diameters upon request
- Stem length > 15 m upon request

### Stem Model:

<table>
<thead>
<tr>
<th>Stem Model:</th>
<th>A3.2</th>
<th>A4.2</th>
<th>A4.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process connection:</td>
<td>Union nut</td>
<td>Male thread, turnable</td>
<td>Male thread, rigid</td>
</tr>
</tbody>
</table>

**Order length**

Suitable thermowell models:

(data sheet)

- SF4.1 (8.8111)
- SF4.1F (8.8113)
- SF8 (8.8130)
- SF9 (8.8131)

**Thread**

(dimensional data in mm):

- G ½
- G 3/4
- M 20x1.5
- M 24x1.5
- M 27x2

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- G 3/4
- M 20x1.5
- M 24x1.5
- M 27x2

Thermowell required!

### Minimum Stem Length and Active Length (mm)

<table>
<thead>
<tr>
<th>Stem model:</th>
<th>Length:</th>
<th>Thread:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3.2/A4.2/A4.3</td>
<td>La</td>
<td>all standard threads</td>
</tr>
<tr>
<td>A3.2/A4.2/A4.3</td>
<td>Lmin</td>
<td>all standard threads</td>
</tr>
</tbody>
</table>

The minimum length Lmin is the length of the vessel plus 80 mm capillary line up to screw fitting.

The active length La is the temperature-sensitive part of the stem.

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