Diaphragm Probe Seals
Male Thread, Model 970.10
Male Running Nut, Model 970.11
Female Union Nut, Model 970.12

Applications
- For flowing, heterogeneous media
- Suitable for high pressures up to 600 bar

Special features
- Compact size
- Oval capsule sensor with internal support for stabilization
- Immersed directly in the medium

Description

Process connection
- Stainless steel 1.4571
- Model 970.10: G ½ B male thread
- Model 970.11: G ½ B male running nut
- Model 970.12: G ½ female union nut

Pressure rating
- PN 600

Pressure ranges
- 0 ... 10 to 0 ... 600 bar

Capsule sensor
- Stainless steel 1.4571, welded with body
- Dimension: 75 x 13 x 6 mm

Instrument connection
- Stainless steel 1.4571, G ½ female per EN 837-1

Options

Process connection
- Model 970.10: G ¾ B, M20 x 1.5 male
- Model 970.11: G ¾ B, M20 x 1.5 male
- Model 970.12: G ¾, G 1 female

Capsule sensor
- Dimension: 100 x 18 x 7 mm
  (requires minimum ¾ in. process connection)

Instrument connection
- Capillary (welded with body) and gauge adapter G ½ female to fit surface mounting bracket complete of stainless steel
- Cooling tower (for directly mounted gauge when fluid temperature > 100 °C)
Dimensions in mm

Model 970.10 with male thread

Model 970.11 with male running nut

Model 970.12 with union nut

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions in mm</th>
<th>Weight in kg</th>
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<tbody>
<tr>
<td></td>
<td>G ½ B</td>
<td>0.25</td>
</tr>
<tr>
<td></td>
<td>M20 x 1.5 male</td>
<td>0.25</td>
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<tr>
<td></td>
<td>G ¾ B</td>
<td>0.40</td>
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<tr>
<td>Model 970.10</td>
<td>G ½ B</td>
<td>0.30</td>
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<tr>
<td></td>
<td>G ¾ B</td>
<td>0.40</td>
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<tr>
<td>Model 970.11</td>
<td>G ½ B</td>
<td>0.30</td>
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<tr>
<td></td>
<td>G ¾ B</td>
<td>0.40</td>
</tr>
<tr>
<td>Model 970.12</td>
<td>G ½</td>
<td>0.50</td>
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<tr>
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<td>G ¾</td>
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</tbody>
</table>

Ordering information

Model / Process connection / System fill fluid / Assembly on pressure measuring instrument model... / Process conditions as per questionnaire

Modifications may take place and materials specified may be replaced by others without prior notice. Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.