Cooling element for pressure measuring instruments
Model 910.32, for threaded attachment

Applications
For screwing onto pressure measuring instruments at increased medium temperatures.

Special features
- For medium temperatures up to 200 °C
- Can work with pressures up to 600 bar
- Connections for G 1/2 B (EN 837)

Description
Cooling elements are used when the medium temperature would exceed the permissible temperature limit of the pressure measuring instrument.

Through air circulation and heat radiation at the cooling element, the medium temperature is lowered sufficiently so that the temperature limits are not exceeded and any possible temperature error is reduced.

The cooling element can also be used for warming very cold media, provided that the ambient temperature is higher than that of the media.
Specifications

Max. medium temperature and connections

<table>
<thead>
<tr>
<th>Selectable versions</th>
<th>Max. medium temperature</th>
<th>Process connection</th>
<th>Measuring instrument connection</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>150 °C (3 cooling fins)</td>
<td>G ½ B (EN 837)</td>
<td>G ½ B female (EN 837)</td>
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<tr>
<td></td>
<td>200 °C (5 cooling fins)</td>
<td>G ½ B (EN 837)</td>
<td>G ½ B female (EN 837)</td>
<td>14109815</td>
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Other connections on request.

Max. load

600 bar

This value is only valid with suitable sealing in accordance with EN 837 and a temperature range < 100 °C at the measuring instrument.

Material

Stainless steel 1.4571

Weight

3 cooling fins: approx. 180 g
5 cooling fins: approx. 200 g

Pressure port

3.5 mm

Characteristic curve

Temperature characteristics at ambient temperature 20 °C

Temperature at the measuring point [°C]

Temperature at the measuring instrument [°C]

3 cooling fins

5 cooling fins
Ordering informations
To order the described product the order number is sufficient.

<table>
<thead>
<tr>
<th>G1</th>
<th>G2</th>
<th>L1</th>
<th>L2</th>
<th>L3</th>
<th>L4</th>
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<tr>
<td>G ½ B (EN 837)</td>
<td>G ½ B female (EN 837)</td>
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<td>19</td>
<td>20</td>
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