Danfoss is a leading global player within the development and production of mechanical and electronic products and controls. Since 1933, our extensive know-how has made modern life easier and we continue to break new ground within our core business areas. Every day, more than 250,000 items are produced at 70 factories in 25 countries. Impressive as these figures are, we are most proud of the way our dedicated employees apply the high-quality components in customer solutions, adding value to the end products. Building strong partnerships is of great importance to us, because it is purely by understanding our customers’ needs that we can meet the expectations of tomorrow.

This is also true in Industrial Automation, a Danfoss entity dedicated to focusing on the industrial world of today. Through us, you gain access to the entire Danfoss pool of technologies, with special emphasis on sensors and controls. We offer safer, more reliable and more efficient solutions in a close cooperation based on firm values.

The perfect transmitter made from expert know-how

### Electronics

Danfoss pressure transmitters are available with analogue or digital electronic solutions and offer unique specifications in terms of:

- **Accuracy**
- **Sensors pressure range coverage**
- **EMI/RFI protection**
- **Multi-variable transmitter function**
- **Pressure**
- **Pressure and switch function**

### Packaging

The transmitter design offers long-life stability through:

- **High shock and vibration stability**
- **High enclosure grade (special version up to IP68)**
- **Pulse restriction solution which prevents liquid hammering and cavitation**
- **Wetted parts that are all made from stainless steel**

### Sensing element

 Offering two sensing technologies, Danfoss is able to cover the versatile application requirements with highly competitive solutions. Both technologies are designed to operate in severe environments:

- **Piezoresistive semi-conductor technology covering pressure ranges from 1 to 600 bar. This technology is suitable for low pressure applications up to 220bar.**
- **Thin-film technology is mainly used for high-pressure applications up to 2200 bar. This technology is available in gauge version.**

### Pressure

Danfoss is a world-class player within the development and production of mechanical and electronic products and controls. Since 1933, our extensive know-how has made modern life easier and we continue to break new ground within our core business areas.

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Learn more at [www.danfoss.com/ia](http://www.danfoss.com/ia)
We’ve made your challenges our business
Marine, Mobile Hydraulics
and Railways
The increasing global focus on environmental and safety legislation calls for more control and automation. Danfoss accommodate this by optimising product functions and specifications, allowing you to comply with the new demands. Our wide transmitter range comprises solutions for:

- Marine equipment
- Mobile hydraulic equipment
- Railway equipment

Industrial Hydraulics, AirCompressors,
Water Pumps and Industrial Engines
Within machines and equipment the transmitter specifications depend on the specific application. Close cooperation with customers has allowed us to develop dedicated transmitter solutions for:

- Water pumps and air compressors
- Engines
- Industrial hydraulics

Sterilisers, Autoclaves, Boiler and Boiler Room Equipment
Energy efficiency and safety are frequent challenges in heating and sanitation applications. The answer is highly reliable and accurate measurement, which is achieved by unique process control. For this specific purpose, Danfoss has developed a unique solution.

Wind Turbines and Electric Power
One of the most distinct global challenges now and in the future is how to produce energy in a both efficient and environmentally friendly way. In cooperation with some of the leading manufacturers, Danfoss has developed - and is continuously refining – solutions for:

- Wind turbines
- Gen sets

When you choose Danfoss as your supplier of pressure transmitters, you choose a dedicated partner who truly understands the challenges in your specific applications. Years of experience allow us to provide you with advanced solutions that will meet your every requirement in terms of both performance and life cycle cost. Choose from our wide range of standard devices or team up with our worldwide transmitter experts to design a customised solution for your equipment.

<table>
<thead>
<tr>
<th>STANDARD</th>
<th>MB6 1750</th>
<th>MB6 2000</th>
<th>MB6 2250</th>
<th>MB6 3150</th>
<th>MB6 5150</th>
<th>EMP</th>
<th>MB6 4150</th>
</tr>
</thead>
<tbody>
<tr>
<td>WITH PULS-SNUBBER</td>
<td>MBS 1750</td>
<td>MBS 3000</td>
<td>MBS 3250</td>
<td>MBS 3150</td>
<td>MBS 5150</td>
<td>EMP</td>
<td>MBS 4150</td>
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</tbody>
</table>

Energy
Wind Turbines and Electric Power

<table>
<thead>
<tr>
<th>Type</th>
<th>Piezo</th>
<th>Piezo</th>
<th>Piezo</th>
<th>Piezo</th>
<th>Piezo</th>
<th>Piezo</th>
<th>Piezo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure technology</td>
<td>± 0.5%</td>
<td>± 0.5%</td>
<td>± 0.5%</td>
<td>± 0.5%</td>
<td>± 0.5%</td>
<td>± 0.5%</td>
<td>± 0.5%</td>
</tr>
<tr>
<td>Accuracy FS (max)</td>
<td>0 – 400 bar</td>
<td>0 – 600 bar</td>
<td>0 – 600 bar</td>
<td>0 – 600 bar</td>
<td>0 – 400 bar</td>
<td>0 – 25 bar</td>
<td>0 – 560 bar</td>
</tr>
<tr>
<td>Max. measuring range [bar]</td>
<td>0 – 25 bar</td>
<td>0 – 25 bar</td>
<td>0 – 25 bar</td>
<td>0 – 25 bar</td>
<td>0 – 25 bar</td>
<td>0 – 25 bar</td>
<td>0 – 25 bar</td>
</tr>
<tr>
<td>Medium temperature</td>
<td>-40 – 85 °C</td>
<td>-40 – 85 °C</td>
<td>-40 – 125 °C</td>
<td>-40 – 85 °C</td>
<td>-40 – 85 °C</td>
<td>-40 – 100 °C</td>
<td>-40 – 185 °F</td>
</tr>
<tr>
<td>Zero point and span adjustment</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>-</td>
</tr>
<tr>
<td>Marine approvals</td>
<td>-</td>
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</tr>
</tbody>
</table>

Pressures ranges 0 – 6 bar — 0 – 25 bar in relative (gauge)
Pressures ranges 0 – 87 psi — 0 – 363 psi in relative (gauge)
All transmitters are available with a variety of electrical and process connections. Please contact your Danfoss dealer.