Engineering Tomorrow

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 30 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.

Learn more at www.danfoss.us/ia

Danfoss LLC, Industrial Automation
11655 Crossroads Circle • Baltimore • MD 21220
E-mail: ia.nam@danfoss.com

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Discover a variety of built-in benefits

Ongoing development of new technology and new features are at the very heart of Danfoss. We work on switching to being among the very best on the market – living up to your expectations.

Low differential switching
Pressure and temperature controls have either fixed or adjustable differential settings, good readability, and high accuracy of range setting with use of the scale.

Bellows technology
The lifetime of a pressure and temperature switch is determined by the quality of the bellows. Using advanced technology, and being worldwide, Danfoss bellows are manufactured without any welding points, which makes them stress-free and completely tight.

Snap action contacts
All contacts are "snap action" types, maintaining the contact force until the moment of contact break. Units with gold-plated contacts are ideal for low electrical loads while the silvercadmium contacts are developed for high loads.

15 international approvals
Danfoss offers a very broad range of purpose-specific enclosures and connections.

High vibration stability
Outstanding vibration stability in switches ensures flawless operation even in heavily-duty applications.

Wide pressure ranges
The programme covers working ranges from -1 bar up to 400 bar.

High reliability
All switches feature high accuracy reproducibility and stability over time.

Different sensing elements
As experts in sensing technologies, Danfoss offers temperature switches that operate in a wide temperature range.
## Choose the optimal solution

<table>
<thead>
<tr>
<th>TYPE</th>
<th>MP/MP2</th>
<th>BCP</th>
<th>RT</th>
<th>MBC</th>
<th>KPS</th>
<th>CAS</th>
<th>CS</th>
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### Water pumps and air compressors

In water pumps and air compressors it is important to keep a constant pressure and a constant flow. To ensure this Danfoss offers a range of switches:

- Monitoring and direct start/stop of single or multi stage pumps – type RT and KP
- Monitoring of overpressure in cooling and air conditioning systems – type MBC, KP and RT
- Dry run protection of pumps – type KP/KPI and RT
- Monitoring of single or three phase motors – type EPS, MBC, CS, CAS and KP/KPI

### Hydraulics equipment and accessories

Danfoss switches are intended for hydraulic alarm and control functions. They are available with various degrees of enclosure and are suitable for a variety of applications:

- Cooling and lubrication systems for generators and gearboxes – type EPS, MBC, RT, RT, EPS and CAS
- Hydraulic units such as disk brakes and pitch cylinders – type EPS, MBC, RT and EPS
- Power pumps – type EPS, MBC and EPS

## SWITCH TO A RELIABLE SUPPLIER

Danfoss is a worldwide leader in temperature and pressure measurement and control. We offer high-quality products, reliable service and technical support. Our comprehensive range of products is designed to meet the specific needs of your application. Whether you are looking for a basic switch or a complex system, Danfoss has a solution for you. Contact us today to learn more about our products and services.