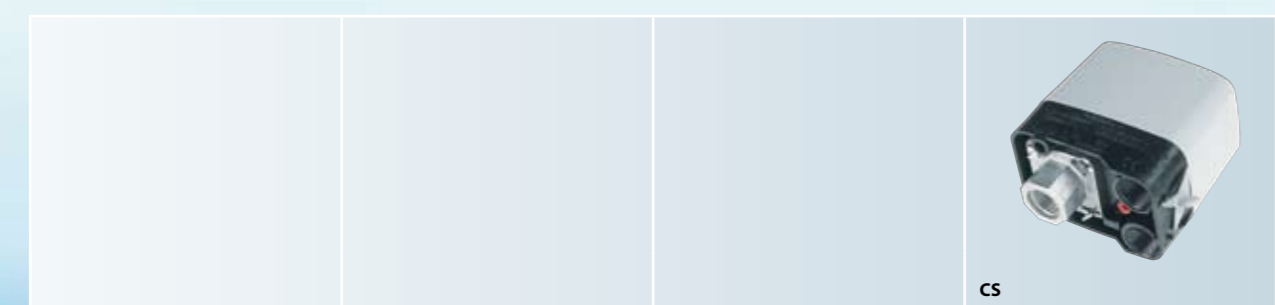
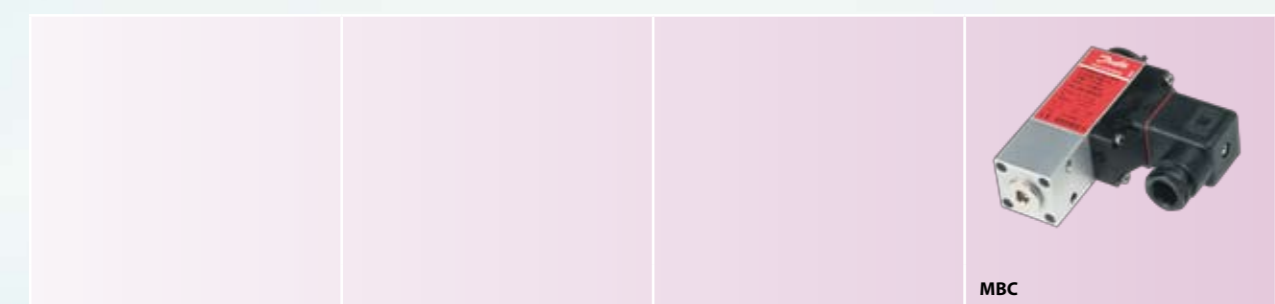
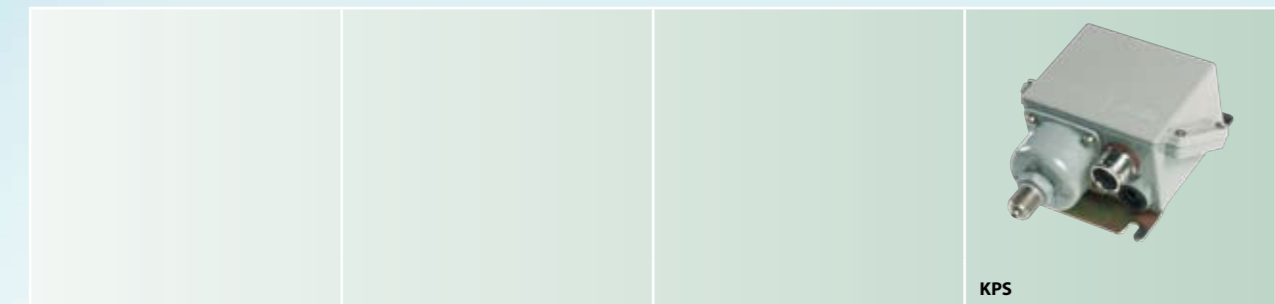
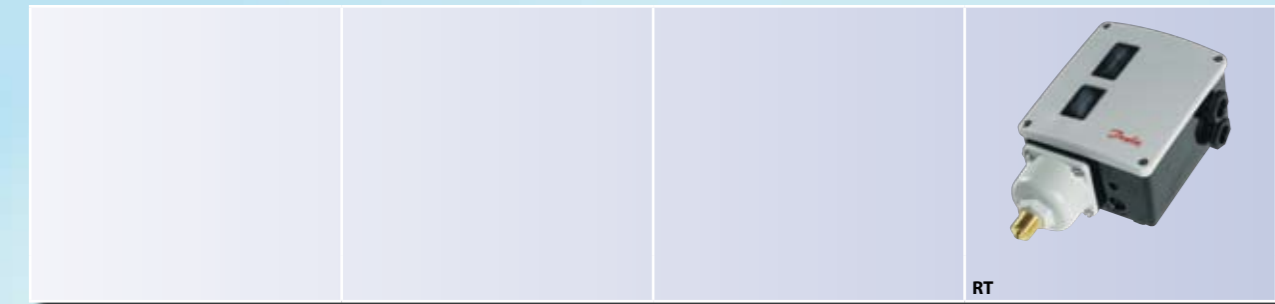


Applications

Products	Purpose	Light industry	General industry	Heavy industry	Farming	Marine	Enviroment	
							Dry	Humid
KP	On/off switching	✓	✓		✓		✓	(✓)
RT	On/off switching		✓		✓	✓	✓	✓
KPS	On/off switching			✓	✓	✓	✓	✓
KPI	On/off switching	✓	✓		✓		✓	(✓)
CS	On/off switching	✓	✓		✓	✓	✓	(✓)

Note: (✓) Depending on the chosen IP, as they exist as IP 55 or less.



Danfoss

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MAKING MODERN LIVING POSSIBLE

Making modern living possible

The Danfoss Group is a leader in development and production of mechanical and electronic products and controls. Our products help to heat and cool homes and offices, refrigerate food and control production lines.

In short, Danfoss contributes to the conveniences of modern life as well as to a safer and cleaner environment.

Our wide product range goes beyond the product mentioned here, so be sure to pay our website www.danfoss.com a visit to explore our product line breadth.

Temperature monitoring & control

Besides the temperature switches and sensors in this guide, Danfoss can offer you tailor-made solutions to even the toughest of applications, like the MBC block-type switch series. From controlling room temperature to measuring hot exhausts, you'll find Danfoss components are trusted day and night to deliver accuracy and durability.



Temperature monitoring & control



Industrial valves



Pressure monitoring & control

Industrial valves

In general valves are usually a small but crucial part of a design, and not always easy to specify. But by working in partnership with Danfoss, you can get precisely the valve needed for your application as quickly and inexpensively as possible. Our range of solenoid valves are accompanied by externally and thermostatically operated valves to complete a high-quality programme.

Pressure monitoring & control

Danfoss has been into industrial pressure applications for more than 50 years and today offers one of the widest switch and transmitter range of any manufacturer. Accurate, robust and built for long life, they perform flawlessly day after day, even under the harshest conditions.

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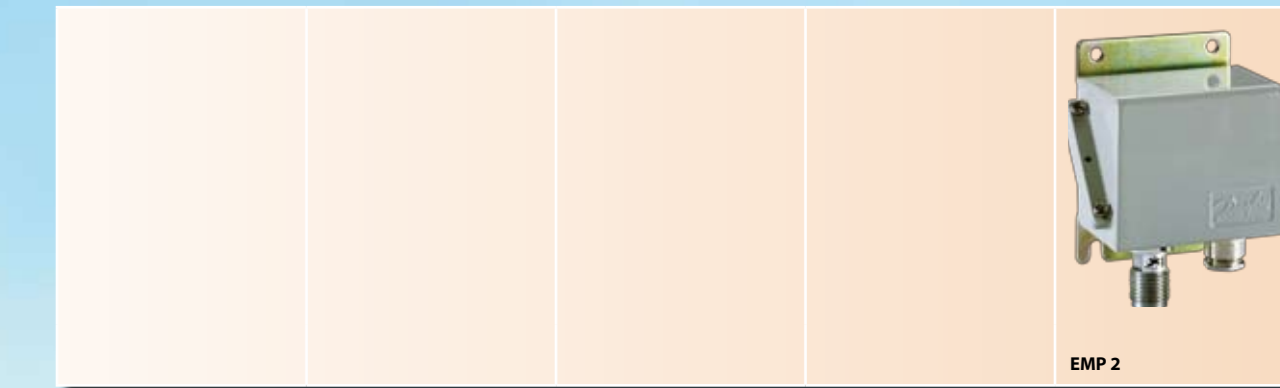
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Selection Guide Pressure transmitters and switches

Applications

Products	Purpose	Light industry	General industry	Heavy industry	Farming	Marine	Enviroment	
							Dry	Humid
MBS	Analogue measurement		✓	✓	✓	✓	✓	✓
EMP	Analogue measurement			✓		✓	✓	✓



Where to use

The Danfoss pressure program includes switches and transmitters which measure and control the pressure of air and water. Suitable for most industrial applications, all products in this highly versatile assortment are accurate, reliable and built to last.

Typical product applications include light to heavy industry, farming, and marine or stationary engines.

RT and KPS pressure switches feature a high grade of enclosure and are thus well-suited for a wide variety of applications. KPS switches are, furthermore, extremely resistant to shocks and vibrations, making them appropriate for even very demanding applications. KP switches should be mounted in dry environments only.

Technology

KP, RT and KPS pressure switches are electromechanical controls based on more than 60 years of experience. They are on/off switches, meaning they use pressure input to open or cut a current.

MBS pressure transmitters are electronic devices featuring a sensing element. They provide output proportional to the registered pressure, transmitting in mA or a voltage signal.

Danfoss pressure measurement and control products use proven designs and technology. All products are produced to

exacting quality standards in modern, ISO-certified manufacturing plants.

The Danfoss pressure program features a wide range of other controls, including MBC block-type compact switches which are approved for use in harsh marine environments.

Installation

RT and KP switches can be installed using all standard methods, whereas KPS switches must be mounted on consoles.

MBS pressure transmitters can be installed directly within the application.

System faults

Switches: If pressure changes do not result in switching or signaling, then check the contacts visually and measure the current. Contact sets for RT switches can be replaced if necessary.

Pressure/transmitters: If output is erratic, then check the output current. This should read 4 mA at the lowest transmitter value and 20 mA at the highest.

