

Danfoss Industrial Automation core products

Fluid controls

Solenoid valves: Direct, servo, assisted lift and proportional operated valves for water, air, oil and steam application. Differential pressure from 0 to 40 bar and connections from G 1/8 to G 2" flange. Thermostatic valves for cooling applications and solar systems. Regulation ranges from 0 to 90 °C and connections from G 3/8 to G 1" flange.

Angle seat valves for demanding industrial applications. Differential pressure from 0 to 16 bar and connections from G 3/8 to G 2".

Direct operated valve
for closed and drain
systems



Assisted lift operated
valve for closed and
drain systems



Servo operated valve
for open systems



Valve for steam
applications



Thermostatic valve



Angle seat valve
for demanding
applications



Pressure transmitters

Pressure transmitters for industrial and marine applications. Design in cartridge, block and box with measuring range up to 600 bar. Output signal 4 – 20 mA, 0 – 10 V, ratiometric etc. with an accuracy from 0,1% FS. Versions with marine and ATEX approvals.

Pressure transmitter in
cartridge design
for industrial applications



Pressure transmitter with flush
diaphragm for demanding
industrial applications



Pressure transmitter in
block design for industrial
and marine applications



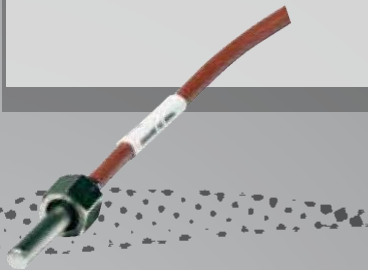
Pressure transmitter in
box design for marine
applications



Temperature sensors

Temperature transmitters for industrial and marine applications with measuring range from -50 to 800 °C. Sensor type Pt100, Pt1000, PTC, NTC, integrated transmitter etc in different designs for example DIN 43650, DIN B, cable etc. Versions with marine and ATEX approvals.

Temperature transmitter in a cable version



Flexible temperature transmitter with different sensing elements and electrical connections



Temperature transmitter equipped with a DIN 43650 for industrial applications



Temperature transmitter equipped with a DIN B (B-head) for industrial and marine applications



Switches

Pressure and temperature switches (on-off) for industrial and marine applications from -60 to 300 °C or -1 to 400 bar. Degree of enclosure: IP30 – IP67 in different designs, versions with marine, TÜV and ATEX approvals.

Pressure switch for industrial applications (enclosure degree from IP30 to IP55)



Pressure switch for boiler control



Temperature switch for industrial applications (enclosure degree from IP54 to IP66)



Pressure switch for industrial and marine applications in block design



Temperature switch for marine applications (enclosure degree IP67)



The main industries for these products are

Marine

Mobile hydraulics

Air compressors

Wind turbines

Industrial hydraulics

Heating equipment

Industrial water

