



Registered No. 325327



Pressure Transducers - MBS 1200 Series

With thin film technology

The new MBS 1200 Series pressure transducers.
For performance under pressure

Danfoss is one of the world's largest manufacturers of pressure transducers for heavy-duty applications like off road hydraulic and construction equipment or industrial applications including air conditioning and heating and ventilation. The MBS range of pressure transducers contains a wide range of products drawing on extensive product and application knowledge gained over many years in the field.

With full customization capabilities, we can deliver the right pressure transducers and right solutions for heavy-duty or industrial applications.

Accuracy and stability

The new MBS 1200 Series pressure transducers incorporate the latest thin film technology renowned for its long term stability characteristics. Signal conditioning from our custom designed ASIC provides world leading accuracy over a wide range of pressures. Performance under the most demanding and rigorous conditions is maintained by utilisation of our patented pressure pulse-snubber.

Each and every MBS 1200 Series pressure transducer comes with the quality and performance you expect from the Danfoss name. We offer innovative ways to customize transducers to customer specifications using the latest expertise and years of hands-on know-how.





Field proven reliability makes the grade

You don't need a microscope to fully appreciate all the engineering and technology that goes into a MBS 1200 Series pressure transducer. The dual signal path ASIC has been designed with varied customer requirements in mind and we can offer exceptional flexibility to suit your own particular needs. Meticulous design concepts are also employed in the mechanical build up of the pressure transducer, resulting in mechanical and electrical interfaces which will survive the harshest environmental, vibration and EMC conditions.

So you get the thermal and vibration stability you want. Customer-specified designs combined with dual path signal conditioning ASIC are your guarantee for outstanding accuracy and durability. Field-testing proves that not even extreme temperature shocks can shake the reliability of these transducers.

Danfoss has years of experience producing transducers to customer specifications in the most cost effective and quality-conscious way possible.

Type MBS 1200 and type MBS 1250. Two choices. Unlimited options.

- MBS 1200 for industrial applications
- MBS 1250 for heavy-duty applications.

Given all the features and options, it is highly likely that there's a MBS pressure transducer just right for your applications.

- Thin film technology ensures exceptional accuracy and long-term stability.
- High temperature stability: 257° F (125° C) standard. Optional 302° F (150° C) for extreme applications.
- Wetted parts made of stainless steel
- Tough, compact dual outputs available: Pressure with temperature or switch output
- Wide pressure range: 145 to 8700 psi (10 to 600 bar)
- Integrated pulse-snubber protects against cavitations and liquid hammer (MBS 1250)
- Cost effective room-temperature calibration
- Built to customer specification: Choose between a wide range of process and electrical connection options.

Danfoss produces the MBS 1200 Series in clean room facilities to assure the highest levels of quality.



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