

ENGINEERING  
TOMORROW

*Danfoss*

# Increase engine life

## Bring down operational costs

MBS 9300 low pressure transmitter

### Improve

service efficiency  
Constant  
monitoring of the  
pressure in engine  
applications  
enables lower  
operational costs.



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# MBS 9300 – one step ahead of engine stops

The low pressure transmitter MBS 9300 is good news for anyone in the marine market who wishes to be one step ahead of engine stops and bring down operational costs. MBS 9300 monitors the pressure in engine applications and indicates changes in the pressure, buying you the time for proactive service overhauls and a change of filters.

Wherever high accuracy and insensitiveness against temperature variations are of the utmost importance the MBS 9300 is the obvious choice. The low pressure transmitter is designed especially for monitoring the pressure in various processes in the engine room, including:

- Crankcase applications on diesel, gas and dual-fuel engines
- Turbocharger filters
- Level measurement

Being able to follow changes in the pressure allows you to determine the optimal time for crucial overhauls of the cylinders to avoid explosions and blow-by that may translate into unexpected and expensive engine stops. Equally important, polluted turbocharger filters are instantly detected as the pollution will cause the pressure drop to increase. The MBS 9300 indicates when it is time to maintain or replace the filter, permitting you to increase fuel efficiency and lower emission.

## MBS 9300 benefits in brief

- Monitors the pressure in crankcase applications, turbocharger filters and level measurement
- Enables you to determine the optimal time for overhauls
- Enables you to detect and change polluted filters instantly
- Enables you to monitor the tank level of different media





## Product details

The low pressure transmitter MBS 9300 efficiently combines a piezo-resistive element and digital electronics to meet the requirements of demanding marine applications.

Pressure ranges 0-40 mbar to 0-250 mbar as well as bidirectional (flexible zero point) e.g. -70 to 70 mbar or -20 to 80 mbar etc.

- Output signal 4-20 mA
- Self-diagnostic feature
- Excellent shock and vibration robustness
- High degree of EMC/EMI protection
- Reverse polarity protected
- Complies with the latest environmental directives
- 10 international marine approvals.

## The Danfoss marine range

When you are sailing the seven seas you want to stay clear of equipment failure. Unscheduled repairs may result in delays and even damaged goods – which in turn will lead to lost profit.

Danfoss offers a wide range of marine products, specially designed for the harsh conditions encountered at sea. The range includes:

- Monitoring and control products
- High-pressure pumps and accessories
- Refrigeration controls
- Frequency converters

Go to [www.danfoss.com](http://www.danfoss.com) for more information on how Danfoss products can benefit the key functions onboard vessels around the world.



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