



>40 years'

experience in
mobile hydraulic
Off-highway
market

**DST P650 - a robust,
digital-ready** pressure
transmitter built for **reliable
performance** in intense mobile
hydraulic applications.



See how tomorrow's solutions are ready today
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ENGINEERING
TOMORROW

Danfoss

DST P600 and DST P650, **Smart Sensor** pressure transmitter for **heavy duty** mobile hydraulic applications

The compact OEM pressure transmitter program is designed for use in severe hydraulic applications.

The program consists of two series:

- DST P600 - without integrated pulse snubber.
- DST P650 - with integrated pulse snubber.

DST P650 is the upgraded version of our existing thin film sensor program, now with a digital electronic, suited for heavy duty applications within agriculture, construction and material handling.

DST P650 **Features + Benefits:**

- | | |
|---|---|
| ✓ MTTFd >100 years | ✓ High tolerance to mechanical shock and vibrations |
| ✓ High burst and over pressure capabilities due to fully welded design. | ✓ Fully digitally compensated |
| ✓ Safe ingress protection even in the harshest environment. | ✓ Wetted parts of stainless steel |
| ✓ EMC protection up to 100 V/m | ✓ Wide range of electrical and pressure connections |
| ✓ EMC tested in accordance with Automotive ISO standards | ✓ For medium and ambient temperatures up to 125 °C |
| ✓ Zero drift due to excellent long term stability ensuring safety of the machine. | ✓ Output clipping Min and Max |

Agriculture



It is extremely important to achieve and maintain an optimum machine performance and the right pressure sensors are key in doing so.

Construction



To achieve optimum performance every day, your components need to withstand the shock and vibrations and provide personal safety.

Material Handling



As operator demands increase, accurate pressure data from the load limiting systems in your high-quality lifting machines are crucial in safeguarding your equipment, the load, and not least the operator.

Danfoss A/S

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