



**>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.



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# 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

Nordborgvej 81 · 6430 Nordborg · Denmark · Tlf: +45 7488 2222 · danfoss.com

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