The sensor you know – upgraded with the new Danfoss electronic platform



of electronics and signal conditioning

The well-proven pressure sensor is now future-ready

Our sensor upgrade combines years of experience and proven performance with leading-edge sensor signal conditioning. The upgraded pressure sensor is a smooth one-to-one conversion, based on existing, robust, and reliable components.

With its new electronic platform, the sensor is ready for self-diagnostic, prepared for digital output, and is an important step in our digitalization journey.



Danfoss





Pressure sensor upgrade highlights

Now with future-ready electronics

The upgraded pressure sensor is built on the same well-proven sensor technology as the version it replaces. With its upgrade of electronics and signal conditioning, the sensor is prepared for our digitalization road map. The new Danfoss electronic platform has already been released and proven on a series of new product lines.

The sensor you know with new possibilities

With the sensor upgrade, you get a list of benefits:

- Built on existing, proven sensor technology same robust sensor based on years of market experience
- Upgraded with future-ready electronics
- Improved capabilities in a wider media temperature range
- Fully RoHS II compliant

Release and qualification

To ensure a smooth release of the upgrade, the sensor goes through a thorough validation and qualification process.

Milestones and timing

The sensor upgrade is planned as several release steps to cover the broad portfolio of product variants. The product launch will start in December 2019. Product samples for tests will be available prior to the product launch in agreement with customers.

For more information, please contact your Danfoss contact person or send an email to ia@danfoss.com

Danfoss A/S, Industrial Automation

DK-6430 Nordborg · Denmark · Tlf: +45 7488 2222 · ia@danfoss.com · ia.danfoss.com

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Same mating connectors

Same gaskets for mating connectors

Same connectors

EMI PCBA update

Same capsule

Same dielectric gel

PCBA with new Danfoss electronics

Sensor element with changed length of pins

Same pressure connections

