



Compact and reliable pressure sensor for residential and commercial HVAC applications

DST P070 pressure sensors – the compact and reliable solution for HVAC industry

The DST P070 offers easy installation due to the bi-metal solder pressure interface and reliable performance by using backside MEMS technology in a light and compact design for residential and commercial HVAC applications.

Reliable **pressure detection**, in a compact and light design

The DST P070 pressure sensors feature a compact and light design, combined with a bi-metal solder pressure interface to ensure easy installation, and reliable performance due to its backside MEMS technology; a pressure sensor you can rely on for your heat pumps, and other residential and commercial HVAC applications. The DST P070 pressure sensor uses proven quality, confirmed through rigorous testing, offering maximum compatibility combined with excellent availability, full ESG compliance, with a European-based production footprint, delivered to our customers with strong support.



Features and benefits

- Compact and light design based on backside MEMS technology
- Hermetically sealed and fully tested
- Bi-metal solder tube for easy installation
- Sustainable, automated and high-volume EU localized production
- Optimized for low GWP refrigerants



Approvals and certificates

- ATEX Zone 2 (in progress)
- ISO 14903 (in progress)
- CE
- UL (in progress)

Main specifications*

Pressure range	50 bars (absolute & sealed gauge)
Burst pressure	> 3xFS (up to 150 bar)
Media temperature range	-40°F to 275°F (-40°C to 135°C)
Output signal	Ratiometric & 4-20mA
Electrical connector	Round Packard
Pressure connector	Female flare & bi-metal solder tube
Sensor weight	Female flare: 25g Bi-metal solder tube: 20g
Refrigerants	wide range of A1, A2L, A3



*for detailed specifications, please check Datasheet or visit our Product store.



Any information, including, but not limited to information on selection of product, its application or use, product design, weight, dimensions, capacity or any other technical data in product manuals, catalogues descriptions, advertisements, etc. and whether made available in writing, orally, electronically, online or via download, shall be considered informative, and is only binding if and to the extent, explicit reference is made in a quotation or order confirmation. Danfoss cannot accept any responsibility for possible errors in catalogues, brochures, videos and other material. Danfoss reserves the right to alter its products without notice. This also applies to products ordered but not delivered provided that such alterations can be made without changes to form, fit or function of the product. All trademarks in this material are property of Danfoss A/S or Danfoss group companies. Danfoss and the Danfoss logo are trademarks of Danfoss A/S. All rights reserved.