



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
- CE
- UL



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.



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