



Highly selective gas sensor, protected by robust design for **harsh environments**

DST G-series A3 gas sensors – the accurate and durable solution for gas detection

The DST G-series offers reliable, durable, and safe gas detection even under harsh environmental conditions and are thus designed for use in all general HVAC/R applications.

Highly selective **gas detection**, even under harsh environmental conditions

The reliable DST G-series A3 refrigerant detection sensors offer an accurate leak detection and are designed for general HVAC/R applications. The A3 gas sensor uses photoacoustic technology that offers more than 25 years lifetime, immunity to poisoning, fast and accurate response time and reliable self-diagnostics.



Features and benefits

- Resistant to condensation and liquid spray
- Enclosure and material are impervious to sustained UV exposure
- A wide range of output modes
- Easy system integration
- No field calibration over system's lifetime



Approvals and certificates

- IEC 60335-2-40
- RoHS compliant
- CE marked



Main specifications

Refrigerants	R290 / R600a
Alarm threshold	15% / 13% LFL
Measuring range	0-100% LFL
Operating temperature	-40 - 80 °C (-40 - 175 °F)
Humidity range	0-100% ^{rh}
Response time	< 30s



Type	Variant	Refrigerant	Code number
DST G290	24V Modbus	R290	073G2060
DST G290	5V Modbus	R290	073G2061
DST G290	Dual output	R290	073G2062
DST G290	Relay	R290	073G2063
DST G290	24V Modbus	R290	073G5060
DST G290	Dual output	R290	073G5062
DST G600	Dual output	R600a	073G2129

A comprehensive range of variants is available for the products. Also available in different formats and output modes. For further details refer to your Danfoss representative.

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.