



Accurate and rapid
leak detection



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

The DST G-series offers reliable, durable, and safe gas detection, designed for use in all general HVAC/R applications.

Reliable **gas detection**, even under harsh environmental conditions

The reliable DST G-series A2L refrigerant detection sensors offer an accurate leak detection and are designed for general HVAC/R applications. The A2L gas sensor uses thermal conductivity technology that offers more than 15 years lifetime, immunity to poisoning, fast and accurate response time and reliable self diagnostics.



Features and benefits

- Flexible alarm threshold
- Resistant to condensation and liquid spray
- Enclosure and material are impervious to sustained UV exposure
- A wide range of refrigerants and output modes
- Easy system integration



Approvals and certificates

- UL 60335-2-40
- UL 60335-2-89
- CSA 22.2 No. 60335-2-40

Main specifications

Refrigerants	R454B, R32, R454C, R454A, R455A, R1234ze & R1234yf
Operating temperature	-40 - 175 °F (-40 - 80 °C)
Measuring range	0-100% LFL
Standard alarm threshold	9% to 20% LFL*
Response time	< 15s

*May differ depending on sensor type.



Type	Variant	Refrigerant	Alarm threshold	Code number
DST G54B	Relay	R454B	9% LFL	073G5000
DST G54B	Dual output	R454B	12% LFL	073G5021
DST GR32	Relay	R32	9% LFL	073G5051
DST GR32	Dual output	R32	12% LFL	073G5020
DST G54A	Dual output	R454A	15% LFL	073G5023
DST G54C	Dual output	R454C	15% LFL	073G5022
DST G55A	Dual output	R455A	15% LFL	073G5024
DST G200	Dual relay	R454B and R32	10% LFL	073G5087 073G5090
DST G200	Relay	R454B and R32	10% LFL	073G5093
DST G300	Relay	R454A & R454C / R455A	15% / 11% LFL	073G2092
DST G300	Dual output	R454A & R454C / R455A	15% / 11% LFL	073G2112
DST G4ze	Dual output	R1234ze	13% LFL	073G2117

A comprehensive range of variants is available for the products.
Also available in different formats. 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.