



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

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

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