

Product information | Gas sensors

DST G-series A2L refrigerant detection sensors – the reliable 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.

Accurate

and rapid leak
detection



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
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

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.