ENGINEERING TOMORROW



**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 compact 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

#### **Main specifications**

Refrigerants	R454B, R32, R454C, R454A & R455A
Operating temperature	-40 - 175 °F (-40 - 80 °C)
Measuring range	0-25% LFL
Standard alarm threshold	9% to 20% LFL*
Response time	< 15s

<sup>\*</sup>May differ depending on sensor type.

Туре	Variant	Refrigerant	Alarm threshold	Code number
DST G54B	Relay	R454B	9% LFL	073G2000
DST G54B	Dual output	R454B	12% LFL	073G2021
DST GR32	Relay	R32	9% LFL	073G2051
DST GR32	Dual output	R32	12% LFL	073G2020
DST G54A	Dual output	R454A	15% LFL	073G2023
DST G54C	Dual output	R454C	15% LFL	073G2022
DST G55A	Dual output	R455A	15% LFL	073G2024
DST G200	Dual relay	R454B and R32	10% LFL	073G2087

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.

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