



# DST GS-series gas sensors – the compact and resistant solution for gas detection

The DST GS-series offers extra protection for extreme conditions, expertly engineered with a sleek, more compact design, perfect for transport and residential applications, and air conditioning units where size is important and high IP rating is required.

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

The DST GS-series gas sensors with compact design, IP66 rated enclosure is optimized to ensure performance over the lifetime even in harsh application environment as it is robust against wash-down conditions, condensation, dirt, and UV light. 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
- IP66 rating on enclosure and IP69K rating on connector
- Patented, compact & robust design



## Approvals and certificates

- CE
- RoHS
- UL 60335-2-40
- UL 60335-2-89



Main specifications

Refrigerants	R454B, R32, R454C, R454A & R455A
Operating temperature	-40 - 175 °F (-40 - 80 °C)
Enclosure IP	IP66
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 GS4B	5V Modbus	R454B	9% LFL	073G2077
DST GS4B	5V Modbus	R454B	18% LFL	073G2078

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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