

# Danfoss GD Basic gas detection unit, R404A / R507A refrigerant semiconductor, 0–2000 ppm, standard, wall-mount (148H6045)

Brand: Danfoss    Part No: 148H6045    HS: 9027.10  
Hazardous Area Equipment — Fixed Gas Detection

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## Description

Danfoss GD Basic fixed gas detection unit, code 148H6045, a factory-calibrated wall-mount detector for R404A / R507A refrigerant in refrigeration machinery rooms, cold stores and process plant. Semiconductor sensing element with a 0–2000 ppm measuring range and two-level alarm relays (pre-alarm 500 ppm, main alarm 900 ppm). Relay outputs drive external alarm panels; no on-board display on this version. Operating temperature -40 to +50 °C. Supplied as a complete unit with mounting kit, cable gland and a factory calibration certificate. Supply 19–29 V DC. Integrates with Danfoss AK-SM system managers and standard alarm panels. HS 9027.10. OEM P/N 148H6045.

## Specifications

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| Type                        | Gas detection unit — GD Basic                     |
| Code number                 | 148H6045                                          |
| Detected gas                | R404A / R507A refrigerant                         |
| Sensor technology           | semiconductor                                     |
| Measuring range             | 0–2000 ppm                                        |
| Pre-alarm (low) set point   | 500 ppm                                           |
| Main alarm (high) set point | 900 ppm                                           |
| Local annunciation          | relay outputs (no on-board display)               |
| Supply voltage              | 19–29 V DC                                        |
| Operating temperature       | -40 to +50 °C                                     |
| Enclosure                   | wall-mount, includes mounting kit and cable gland |
| Supplied with               | factory calibration certificate                   |
| Approvals                   | EU RoHS; China RoHS                               |
| EAN                         | 5714279919608                                     |

## Standards & Approvals

Standards: EU RoHS, China RoHS  
Approvals: EU RoHS, China RoHS

