

# Danfoss GD Basic+ gas detection unit, ammonia (R717) electrochemical, 0–300 ppm, buzzer/light, wall-mount (148H6009)

Brand: Danfoss    Part No: 148H6009    HS: 9027.10  
Hazardous Area Equipment — Fixed Gas Detection

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## Description

Danfoss GD Basic+ fixed gas detection unit, code 148H6009, a factory-calibrated wall-mount detector for ammonia (R717) in refrigeration machinery rooms, cold stores and process plant. Electrochemical sensing element with a 0–300 ppm measuring range and two-level alarm relays (pre-alarm 25 ppm, main alarm 150 ppm). On-board buzzer and light for local annunciation. Supplied as a complete unit with mounting kit, cable gland and a factory calibration certificate. Supply 19–29 V AC/DC. Integrates with Danfoss AK-SM system managers and standard alarm panels. HS 9027.10. OEM P/N 148H6009.

## Specifications

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| Type                        | Gas detection unit — GD Basic+                    |
| Code number                 | 148H6009                                          |
| Detected gas                | ammonia (R717)                                    |
| Sensor technology           | electrochemical                                   |
| Measuring range             | 0–300 ppm                                         |
| Pre-alarm (low) set point   | 25 ppm                                            |
| Main alarm (high) set point | 150 ppm                                           |
| Local annunciation          | buzzer and light                                  |
| Supply voltage              | 19–29 V AC/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                         | 5714279919936                                     |

## Standards & Approvals

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

