

Danfoss GD Heavy Duty gas detection unit, ammonia (R717) electrochemical, 0–100 ppm, ATEX/IECEX-certified, wall-mount (148H6059)

Brand: Danfoss Part No: 148H6059 HS: 9027.10
Hazardous Area Equipment — Fixed Gas Detection

Description

Danfoss GD Heavy Duty fixed gas detection unit, code 148H6059, a factory-calibrated wall-mount detector for ammonia (R717) in refrigeration machinery rooms, cold stores and process plant. Electrochemical sensing element with a 0–100 ppm measuring range and two-level alarm relays (pre-alarm 25 ppm, main alarm 35 ppm). On-board LCD display for local annunciation. The Heavy Duty version ships with an ATEX/IECEX certificate for installation in classified hazardous areas, operating -20 to +50 °C. Supplied as a complete unit with mounting kit, cable gland and a factory calibration certificate. Supply 16–28 V DC. Integrates with Danfoss AK-SM system managers and standard alarm panels. HS 9027.10. OEM P/N 148H6059.

Specifications

Type	Gas detection unit — GD Heavy Duty
Code number	148H6059
Detected gas	ammonia (R717)
Sensor technology	electrochemical
Measuring range	0–100 ppm
Pre-alarm (low) set point	25 ppm
Main alarm (high) set point	35 ppm
Local annunciation	LCD display
Supply voltage	16–28 V DC
Operating temperature	-20 to +50 °C
Hazardous-area	ATEX/IECEX certificate supplied
Enclosure	wall-mount, includes mounting kit and cable gland
Supplied with	factory calibration certificate
Approvals	ATEX; IECEX; EU RoHS; China RoHS
EAN	5702428668118

Standards & Approvals

Standards: ATEX, IECEX, EU RoHS, China RoHS
Approvals: ATEX, IECEX, EU RoHS, China RoHS

