

Danfoss GD Heavy Duty gas detection unit, carbon dioxide (R744) infrared (NDIR), 0–50000 ppm, ATEX/IECEX-certified, wall-mount (148H6075)

Brand: Danfoss Part No: 148H6075 HS: 9027.10
Hazardous Area Equipment — Fixed Gas Detection

Description

Danfoss GD Heavy Duty fixed gas detection unit, code 148H6075, a factory-calibrated wall-mount detector for carbon dioxide (R744) in refrigeration machinery rooms, cold stores and process plant. Infrared (NDIR) sensing element with a 0–50000 ppm measuring range and two-level alarm relays (pre-alarm 5000 ppm, main alarm 9000 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 AC (50/60 Hz). Integrates with Danfoss AK-SM system managers and standard alarm panels. HS 9027.10. OEM P/N 148H6075.

Specifications

Type	Gas detection unit — GD Heavy Duty
Code number	148H6075
Detected gas	carbon dioxide (R744)
Sensor technology	infrared (NDIR)
Measuring range	0–50000 ppm
Pre-alarm (low) set point	5000 ppm
Main alarm (high) set point	9000 ppm
Local annunciation	LCD display
Supply voltage	16–28 V AC (50/60 Hz)
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	5715162526002

Standards & Approvals

Standards: ATEX, IECEX, EU RoHS, China RoHS
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