

Danfoss GD Basic gas detection unit, ammonia (R717) catalytic pellistor, 0–28000 ppm, standard, wall-mount (148H6080)

Brand: Danfoss Part No: 148H6080 HS: 9027.10
Hazardous Area Equipment — Fixed Gas Detection

Description

Danfoss GD Basic fixed gas detection unit, code 148H6080, a factory-calibrated wall-mount detector for ammonia (R717) in refrigeration machinery rooms, cold stores and process plant. Catalytic pellistor sensing element with a 0–28000 ppm measuring range and two-level alarm relays (pre-alarm 14000 ppm, main alarm 25000 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 148H6080.

Specifications

Type	Gas detection unit — GD Basic
Code number	148H6080
Detected gas	ammonia (R717)
Sensor technology	catalytic pellistor
Measuring range	0–28000 ppm
Pre-alarm (low) set point	14000 ppm
Main alarm (high) set point	25000 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	5715255041238

Standards & Approvals

Standards: EU RoHS, China RoHS
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