

(NH₃) – Detectors for Ammonia

G-series – Detectors with relay output, semi conductive sensor, **NEW!** ATEX (SC)

General


Detectors intended for installation in engine rooms, cold rooms or other spaces where gas is used, handled or stored.




The detectors can be used independently, connected to a monitoring unit or to any other monitoring system that accepts potential-free contact.

- Complies with EN 378:2016 regulations

Features

- The detector is microprocessor controlled and displays the current operating status via LED's
- Three adjustable alarm levels with relay output (230V/5A)
- Alarm delay, selectable in four steps
- Manual or automatic reset on alarm
- Fail-safe function with built-in monitoring and power failure alarm
- Built-in self-test and service function
- Test terminal for service tools
- Robust non corrosive PC enclosure for installation also in aggressive environments

 Sensors are a consumable part.
Expected sensor lifetime ≈ 5 year
Easy replaceable sensor, see spare parts
Method for test and calibration: DT300
Maintenance: at least once a year (at normal operation)

Order code	Model	Details	PG	EURO
 <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> <h3>GD</h3> <p>Room mounting Ambient temperature: -40°C..+50°C Humidity: 0..95% Rh (non condensing) IP21</p> </div>				
37-252	GD24-NH3-4000	0-4000 ppm, 12..24V AC/DC, max 2 W	A	554
37-253	GD24-NH3-10000	0-10000 ppm, 12..24V AC/DC, max 2 W	A	554
37-257	GD230-NH3-4000	0-4000 ppm, 230V AC, max 2 W	A	581
37-258	GD230-NH3-10000	0-10000 ppm, 230V AC/DC, max 2 W	A	581
 <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> <h3>GS</h3> <p>Splash proof, room mounting Ambient temperature: -40°C..+50°C Humidity: 0..95% Rh (non condensing) IP54</p> </div>				
37-452	GS24-NH3-4000	0-4000 ppm, 12..24V AC/DC, max 2 W	A	671
37-453	GS24-NH3-10000	0-10000 ppm, 12..24V AC/DC, max 2 W	A	671
37-457	GS230-NH3-4000	0-4000 ppm, 230V AC, max 2 W	A	698
37-458	GS230-NH3-10000	0-10000 ppm, 230V AC/DC, max 2 W	A	698
 <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> <h3>GSR</h3> <p>Splash proof, room mounting with remote sensor, 5m cable The sensor can hang freely, while the detector is wall mounted Ambient temperature: -40°C..+50°C Humidity: 0..95% Rh (non condensing) IP54</p> </div>				
37-952	GSR24-NH3-4000	0-4000 ppm, 12..24V AC/DC, max 2 W	A	711
37-953	GSR24-NH3-10000	0-10000 ppm, 12..24V AC/DC, max 2 W	A	711
37-957	GSR230-NH3-4000	0-4000 ppm, 230V AC, max 2 W	A	740
37-958	GSR230-NH3-10000	0-10000 ppm, 230V AC/DC, max 2 W	A	740