



09/02/2021

Valves, Drivers & Flow Control Platforms
CAREL CSE



Gas leakage detectors for R-717 (ammonia - NH₃)

Ammonia (NH₃) gas detector availability

Dear Partner,
This is to inform you that as of 02/02/2021, the new GLD series gas leakage detectors for R-717 (ammonia - NH₃), both built-in and remote versions, will be available for sale. The new products replace the DPWLG07000 built-in version.

The new part numbers available are:

Refrigerant	Part number Built-in version	Part number Remote version 5 m	Type of sensor
R-717	GDWBE19A00	GDWRE19A00	Electrochemical

Benefits

The main benefits ensured by the GD* series are:

Feature	Benefits
Installation in environments with temperatures down to -40°C	Suitable for installation directly inside cold rooms
Temperature compensation	Greater precision (ppm) in detecting a gas leak when the temperature changes
Three relays	For signaling warning, alarm and general error
Possibility to replace the sensor on expiry with a pre-calibrated version	This simplifies calibration and makes maintenance faster, and does not require specialist personnel
Troubleshooting via LED signals	Recognition of alarm signals with more detailed indication of the problem found
Bluetooth interface	Connection to Android and iOS devices and easy interaction with the controller.

For further information, see the user manual +0300046IE, +0300046FD, +0300046SP

Other information

As announced in the communication of 19/02/2020 notifying the availability of the GD* range, the new product has the same performance as the rest of the series, as summarised below:

- "RILEVA" configuration app for Android/iOS;
- Updated templates for supervisors and c.suite module;
- Modbus serial communication with boss-mini, boss, c.pCO/pCO;
- Maintenance must only be carried out by specialist personnel;
- Requires testing of operation and periodical calibration;
- Pre-calibrated sensitive element with electrochemical cell technology available, P/N GDOPZE1900.

Kindly forward this information to all your colleagues and the CAREL CSE sales network.

Please do not hesitate to contact me for any further information.

Kind Regards

CSE – Central & Southern Europe

sales.cse@carel.com