

09/02/2021

**Valves, Drivers & Flow Control Platforms**CAREL CSE



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

# Ammonia (NH<sub>3</sub>) 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	Part number Remote version	Type of sensor
	version	5 m	
R-717	GDWBE19A00	GDWRE19A00	Electrochemical

#### **Benefits**

#### The main benefits ensured by the GD\* series are:

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

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