

# NB III LCD



## GAS- & REFRIGERANT DETECTOR



The gas & refrigerant detector **NB III LCD** from DEGA is a stand-alone device equipped with an LCD to display the current gas concentration.

The detector has an internal buzzer and can optionally be equipped with a relay module with 2 alarm relays.

Various sensor technologies are used to detect toxic gases (e.g. CO carbon monoxide, nitrogen oxides, ...), flammable gases (e.g. propane, methane, ...), refrigerant (e.B R134a, R410a, ...) or oxygen.

### FEATURES – NB III LCD

- **Sensor technologies**
  - Catalytic
  - Electrochemical
  - Infrared
  - PID
  - Semiconductor
- **Enclosure Protection Class**
  - IP54

### SPECIFICATIONS – NB III LCD

<b>Gases / Refrigerants</b>	HFOs (e.g., R1234ze), halogenated refrigerants (e.g., R134a, R410a), ammonia NH <sub>3</sub> , gasoline vapor, butane C <sub>4</sub> H <sub>10</sub> , oxygen O <sub>2</sub> , methane CH <sub>4</sub> , propane C <sub>3</sub> H <sub>8</sub> , VOC, Carbon monoxide CO, nitrogen oxides NO <sub>x</sub> , formaldehyde CH <sub>2</sub> O, chlorine Cl <sub>2</sub> , hydrogen chloride HCl, hydrogen H <sub>2</sub> , ozone O <sub>3</sub> , hydrogen sulfide H <sub>2</sub> S, and more Other gases on request
<b>Lifespan - Sensor</b>	Catalytic: up to 2 years Electrochemical: up to 3 years IR: over 5 years PID: 1 year
<b>Display</b>	4 digits
<b>Output</b>	2 x Alarm relays (optional)
<b>Power Supply</b>	24 VDC; max. 1.2W
<b>Dimensions / Weight</b>	100 x 110 x 40 mm / 300 g
<b>Ambient Conditions</b>	Max. 95% RH

### Accessories – horns, strobe & LED banners



IM Environmental Equipment Germany GmbH reserves the right to make technical changes.