

HB Products – dedicated to optimal solutions for level measurement and control of oil and refrigerants.

HB Products is a development-oriented company, which specializes in the development and production of sensors for industrial refrigeration systems. Apart from expertise within oil and refrigerant control, we have great know-how in the design and optimization of industrial refrigeration systems. This knowledge enables us to develop and produce the best sensors!

Since its start more than 25 years ago, HB Products has attained a strong global position. This is the result of our ability to think in terms of new technological solutions, create

For further info and guidance please visit our homepage
www.hbproducts.dk

**Quick guide**

HBGS - NH3 Leakage Sensor

**Functionality:**

The HBGS sensor is made to detect NH3 leakage in refrigeration rooms or vent lines from refrigeration rooms. If the leakage sensor is to be used in a different way, prior approval must be obtained from HB Products.

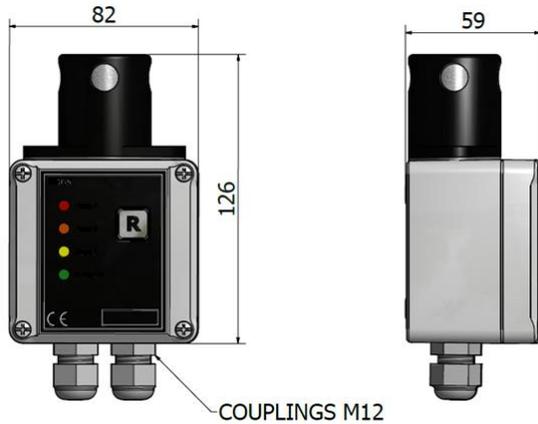
Download complete manual:

For further information please download the instruction manual from our homepage:
www.hbproducts.dk.

Caution:

Only qualified personnel should work with the product. The technician must be aware of the consequences of an improperly installed sensor, and must be committed to adhering to the applicable local legislation.

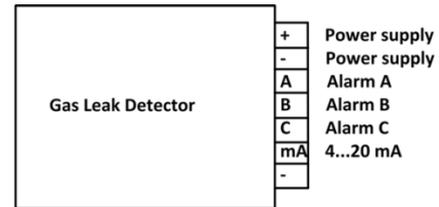
Mechanical installation



Mechanical specifications:

Refrigerant type: R717
Measuring range: 0...1000 ppm (alarm programmable)
Factory alarm settings: 100/300/500
Ambient temperature: -10...+50°C
Humidity: 0...95 %
Material: Plastic
Cabinet size: 140x82x59 mm
Configuration: With PC and HB configuration tool

Electrical installation



Electrical specifications:

Enclosure: IP20
Analogue Output: 4...20 mA
Analogue Load: 500 ohm
Digital Output: 3 x SPDT, 0,5 A
Voltage supply: 24 V DC – Max load 1.7 A
Indication: 3 x alarm levels and 1 x power (green)
Reset of alarms: From push bottom or from PC configuration tool