

**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!

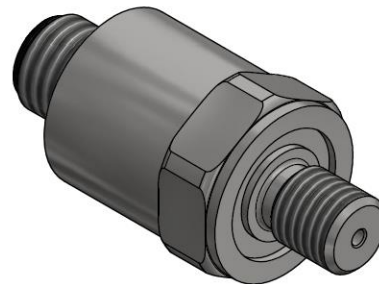
Since its start more than 25 years ago, HB Products has attained a strong global position. This is the result of our ability to think in terms of new technological solutions, create

For further info and guidance please visit our homepage  
[www.hbproducts.dk](http://www.hbproducts.dk)



## Quick guide

HBPS- Pressure Sensor



### Functionality:

The HBPS sensor is made to detect refrigerant or oil pressure in refrigeration systems. If the pressure sensor is to be used in a different way, prior approval must be obtained from HB Products.

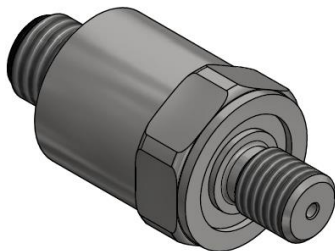
### Download complete manual:

For further information please download the instruction manual from our homepage:  
[www.hbproducts.dk](http://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: R1234, R22, R134A, R404A, R410A, R507, R717 & R718

Oil type: PAO, PEO, PAG & mineral

Ambient temperature: -40...+105°C

Liquid temperature: -40...+125°C

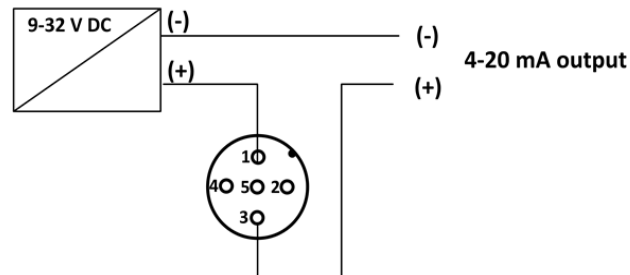
Max. pressure: -1...25 bar & -1...200 bar

Material: AISI304

Thread connection: G ¼"

**Caution!** In case of welding work on the unit, please make sure that proper earthing is carried out to avoid damaging the electronics.

## Electrical installation



### Electrical specifications:

Plug: M12 - DIN 0627

Enclosure: IP67

Output: 4...20 mA – 2-wire

Voltage supply: 9...32 V

Response time: < 1 s

### Accessories:

Cable: 5 m with M12 plug in one end

Part number: HBx-C-M12/5