

**PROCESS
AUTOMATION**

HBSO • HBSC • HBSR LEVEL SENSORS FOR TOUGH ENVIRONMENTS

Service minded split design...



*Operates in most
types of Liquids*

Your Sensor Specialist
www.hbproducts.dk

We Know how

HB Products
Your partner for
individual positioning
and sensing solutions.



HB

Products

POSITION & LEVEL SENSORS

HBS Capacitive sensors designed for industrial applications and long term function.

Liquid level sensors for Oil, CO₂, NH₃, HFC refrigerants, brine, waste water, ect.

**No maintenance or cleaning required.
Unaffected by foam, splashing and coating.
Resists high pressures and temperatures.
Distinctive LED indication.**

Split design for easy mounting and testing without depressurization.

PROCESS AUTOMATION

Applications:

- Oil Management Control
- Compressor Protection
- Alarm High and Low Level
- Liquid Level Control

Advantages:

- High Pressure applications
- Replace Sight Glass
- LED indication
- No moving parts
- Split design
- Easy replacement without depressurization

HBSC2 → CO₂

HBSO1 → OIL

HBSR → NH₃, BRINE, HFC, ect.

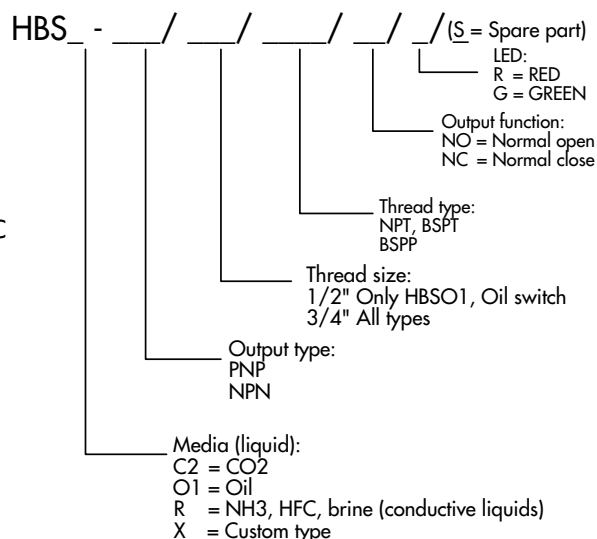
HBSX → CUSTOM TYPE

Data sheet available for each sensor type.

SPECIFICATIONS:

Power Supply:	11 to 30V DC
Current consumption:	Max 5mA
Output:	ON/OFF, PNP or NPN, NO/NC
Output current:	Max 50mA
Indicating:	LED Green or Red
Media temp.:	-56...to +100deg.C
Ambient temp.:	-25...to +60deg.C
Material sensorpart:	Stainless Steel AISI304/PTFE
Mechan. Connection:	1/2" - 3/4" NPT, BSPT or BSPP
EMC test:	EN Industrial
Vibration:	IEC 68-2-6, 4g 2 to 500Hz
Pressure:	Max. 170bar.

ORDERING CODE:



ACCESSORIES:

- Mounting Adaptors for sight glass replacement on compressors
- HBPA Power Adaptor designed for high voltage connection (switching solenoid valves directly)
- HBHE Heating Element recommended for low temp. applications (below -30 deg.C)

DISTRIBUTOR:

Manufactured by:

