

**PROCESS
AUTOMATION**

HBLC • HBOC STAND ALONE OIL & LIQUID MANAGEMENT

Microprocessor sensors for a variety of
applications



*Direct connection to
solenoid or motor
valve*

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Products

POSITION & LEVEL SENSORS

HBLC and HBOC programmable microprocessor sensors for:

- Liquid injection control
- Automatic oil management
- Modulating liquid level management
- Direct operation of motor and/or solenoid valve

HBOC for control and management of oil level in crankcases and filter systems.

Ideal for: Control and management of oil valves, compressor protection with alarm and all kinds of oil return systems.

HBLC for control and management of refrigerant level in condensers and evaporators.

Ideal for: Liquid level control, use as high/low pressure float valve control system and defrost liquid drain control.

PROCESS AUTOMATION

Applications:

- Automatic liquid control
- High pressure control
- Low pressure control
- Modulating liquid level
- Alarm function
- Automated defrost control
- Compressor protection

Advantages:

- Energy saving
- Installation cost saving
- LED indication
- No moving parts
- Split design

Manufactured by:



HBLC/OC/10.10/PA

Featuring:

- Controller build in
- Stand alone operating
- Split design for remote programming
- Savings on installation, costs and time
- Modulating 4-20mA, puls/time or ON/OFF output
- Easy setup and change of timer and alarm settings

HBOC → OIL LEVEL CONTROL SENSOR

HBLC → LIQUID LEVEL CONTROL SENSOR

SPECIFICATIONS:

Power supply:	24V DC
Current consumption:	Max 10mA
Output	Modulating 4-20mA puls/time, ON/OFF
Output current:	Max 0.5A (10W)
Indication:	Green-LED's, wet ON
Liquid Temp.:	-56...to +100deg.C
Material Sensor part:	Stainless / PTFE
Mech. connection:	1/2" order 3/4" NPT, BSPT oder BSPP
EMC test:	EN Industrial
Vibration:	IEC 68-2-6 4g 2 bis 500Hz
Pressure:	150 bar (HBLC) 170bar (HBOC)

ACCESSORIES:

- Software Setup tool
- Solenoid valve
- M12 Cable

DISTRIBUTOR:



Front or Angle housing for easy reading of display LED's

