

### About the System

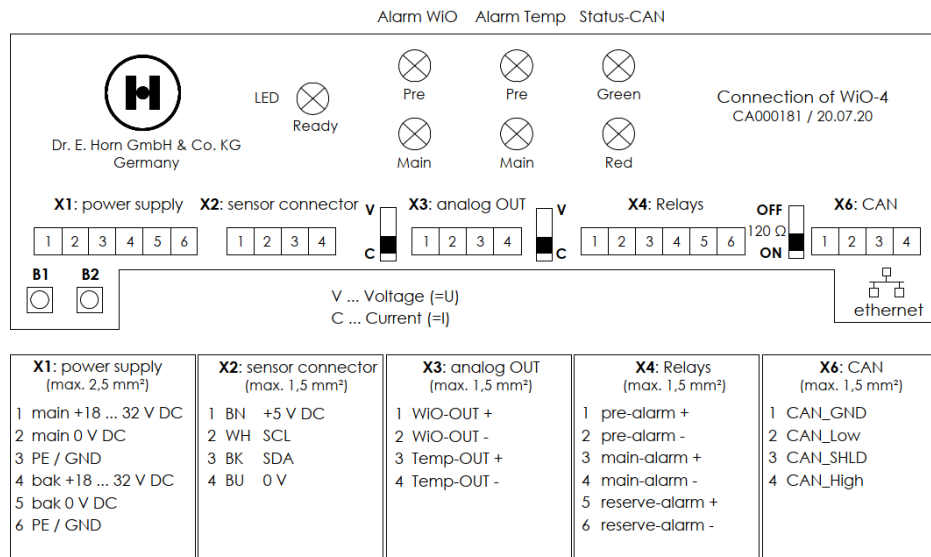
The sensor is based on using a capacitor to measure the absorption of water in oil. The physical measured value is the so called "Water activity" value „AW".

The system can output its measurement data via relays, analog outputs, ethernet, CAN.

### System information

Description	Value
Power supply	18...32 V DC, Protected by automatic fuse
Power consumption	~10 W
Operating temperature	-25...+85 °C
Alarm relays	PAV, MAV, Ready
Photo-MOS outputs	< 60 VDC, 500 mA (Short Circuit Protected, free configurable)
User interface	3 LED, analog output, web page over ethernet, CAN
Configuration	web page over ethernet
Analog output	current output or voltage output (configurable: 4-20 mA or 0-10 VDC)

### Connectors



### Network

The device is setup to receive an IP address from a DHCP server by default. Wait 60sec after power on for connecting the system properly. The default hostname is horn-wio4-0, the web interface can be reached via <http://horn-wio4-0>. Use an empty username and an empty password for guest access.

### Manual

For further instructions please see the complete manual, available at:

[https://dr-horn.org/de/longmanual\\_wio4\\_dk\\_02661](https://dr-horn.org/de/longmanual_wio4_dk_02661)

