

**WE MAKE** LIQUIDS TRANSPARENT.



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The BlueTrace Oil in Water Sensor is a compact fluorescence probe for the measurement of BTEX and refined oil in water. The robust design of the BlueTrace Sensor allows for applications in harsh conditions, such as corrosive media or at high pressure.



## **Parameters**

- BTEX
- Refined oil in water

# **Application Areas**



## **Drinking Water**

- Quality control
- Alarm systems



### Wastewater

- Effluent monitoring
- Trend analysis



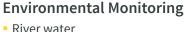
- Early detection of discharge
- Process monitoring in industrial facilities

**Process Measurement & Control Technology** 

Control of process water treatment



Process optimization



- Surface water

## Technical data

Power supply	8 - 32 V DC
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Power consumption (typical) 0.5 W

Measuring principle Fluorescence measurement Evaluation (300 - 400 nm)

Measuring range 0 - 30 ppm

Measuring accuracy 3 % FS

**Detection limit** 0.1 ppm Measuring interval ≥ 1 s

Light source < 300 nm

Material Stainless steel 1.4404 / Titanium [optional]

Operation temperature range

Weight 0.8 kg

**Dimensions** Length 150 mm; Ø 38 mm

Maximum pressure 6 bar Modbus [RTU] Interface

Art. no. 461 6200

# **Main Functions & Features**



**Selectable Measuring Range** 



**Insensitive to Ambiant Light** 



**Low Power Demand** 



**Easy Calibration** 



**Robust & Non-corrosive** 



**High Pressure Resistance** 



**Modbus Interface** 

**Compact Design** 

0 °C to +45 °C