

## BlueTrace - Oil in Water Sensor

The BlueTrace - Oil in Water Sensor is a compact fluorescence probe for the measurement of BTEX, PAH 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
- PAH
- Refined oil in water

### Application Areas



#### Drinking Water

- Quality control
- Alarm systems



#### Wastewater

- Effluent monitoring
- Trend analysis
- Early detection of discharge



#### Process Measurement & Control Technology

- Process monitoring in industrial facilities
- Control of process water treatment
- Process optimization



#### Environmental Monitoring

- River water
- Surface water

### Technical data

Power supply	10 - 32 V DC
Power consumption (typical)	0.5 W
Measuring principle	Fluorescence measurement Evaluation (300 - 400 nm)
Measuring range (typical)	0 - 30 / 100 / 300 ppm
Measuring accuracy (typical)	3 % FS
Detection limit (typical)	0.1 ppm
Measuring interval	≥ 1 s
Light source	< 300 nm
Material	Stainless steel 1.4404 / Titanium [optional]
Operation temperature range	-5 °C to +55 °C
Weight	0.6 kg
Dimensions	Length 146.1 mm; Ø 36 mm
Maximum pressure	6 bar
Interface	Modbus [RTU]
Art. no.	461 6200

### Main Functions & Features



Adaptable Measuring Range



Immersion & In-line Integration



Easy Calibration



High Pressure Resistance



Compact Design



Low Power Demand



Robust & Non-corrosive



Modbus Interface