

## WATER MEASUREMENT SENSOR: WMS500



For accurate, repeatable measurement of parts per million (ppm) levels in oils and fuels

The WMS500 measures absolute water content in hydraulic, silicon oils and bio oils.

- Real Time PPM measurement
- Designed for inline measurement of the absolute water content.
- Temperature compensation
- Long-term stability

### Features:

- Continuous monitoring (inline measurement)
- Output of absolute water content in ppm / %
- For silicon oils, bio oils and mineral oils (additional oils available on request)
- Calibrated against a Karl Fisher titration (ASTM D1533)

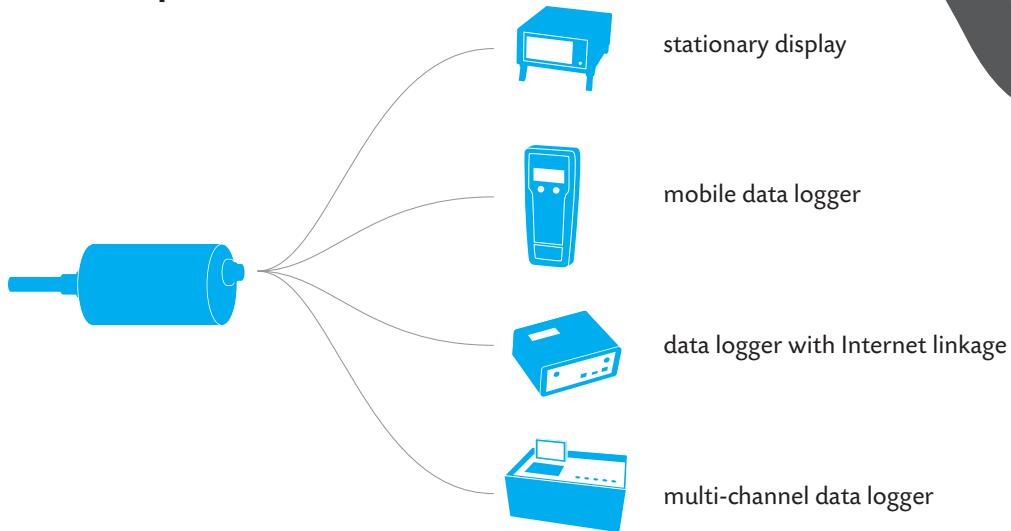


# WATER MEASUREMENT SENSOR: WMS500



**Filtertechnik**  
Filtration, Purification &  
Separation Solutions

## Connection possibilities



## Accessories:

- Stationary display
- Mobile data logger
- Data logger with Internet linkage
- Multi-channel data logger

## Technical Data:

Current output 4-20mA

## Serial interface

RS232

## Switching output

24VDC

## Typical measurement range

10-20,000 ppm (upper range limited to oil saturation)

## Liquid temperature range

-20°C to + 70°C\*

## Supply

18V-24 VDC/ max. 70mA

## System pressure

300 bar maximum

## Standard Mounting and Immersion depth

50mm with 1/2" thread\*\*

## Protection type

IP65

\*\*other depths on request



WMS500 shown with display