

Litronic-FMS / RMH12

Reliable Water Content Determination



LIEBHERR

Applications:



Litronic-FMS / RMH12 sensor integrated in a test and a laboratory plant to monitor the demulsification capacity of a diesel fuel filter.

The Liebherr in-situ-water determination with Litronic-FMS/RMH12 records the water content (determining the concentration) also for very low ppm ranges in emulsions like:

- Diesel fuel
- Gear oil
- Hydraulic oil
- Motor oil
- Roller bearing oil
- Transformer oil
- Turbine bearing oil
- Battery systems
- etc.

Coaxial tube sensor RMH12

- Direct digital measurement
- 30 measurements per second
- High-resolution temperature measurement and temperature compensation of emulsion
- Coaxial condensator made of ceramic
- High-quality stainless steel housing
- Resistant against aggressive liquids and oils
- Easy process connection (Ermeto screw connection)
- Digital measured value transfer
- Up to 4 sensors per interchange and evaluation unit
- Max. pressure 6 bar
- Medium temperature max. 60 °C

Litronic-FMS Evaluation and Interchange unit

To record, process and prepare the measured values from the sensor:

- DasyLab Runtime
- Parameterization and calibration (Litronic-FMS Software)
- Adjustable measurement range
- Field-bus connection
- Ethernet connectivity (LAN), WLAN optional
- Graphic visualisation
- Modular design for easy enlargement
- Mounting on standard mounting-rail TS35 for easy switch cabinet mounting

Litronic-FMS Software

- Visualisation
- Graphic chart recording
- Parameterization
- Calibration
- Cross-linking of sensor data
- Math module, junction of measured values
- Determination of statistic data
- Data logging



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