

Vibronic measurement Density Computer FML621

Measurement of density, reference density, concentration of liquids in conjunction with a Liquiphant



More information and current pricing:

www.casc.endress.com/FML621

Benefits:

- Measurement used in tanks and pipes without the need for additional pipework
- Large number of process connections to choose from: universal usage
- Integration of existing temperature measurements for temperature compensation
- No mechanically moving parts: no maintenance, no wear, long operating life
- pump dry-run protector can be provided with the same process connection
- Additional calculations, such as the mass of the product, can be performed in the Density Computer FML621
- The integrated data logger supports users during operation and servicing

Field of application: The density measuring line can be used in all liquid media for medium detection, to calculate the reference density, to calculate the concentration of a liquid, to convert values to different units such as °Brix, °Baumé, °API etc. Additional software modules, such as determining the reference density, intelligent medium differentiation and concentration identification, support the user in monitoring the quality. EEx ia, EEx de and EEx d explosion protection for use in hazardous areas.

Features and specifications

Density

Measuring principle

Vibration Density

Characteristic / Application

Density Computer

Software offers modules for density, reference density, concentration of liquids

and for a intelligent medium detection

Supply / Communication

AC 90-253V

DC 20-36V

Ambient temperature

-20...50°C

Output

4-20mA

Profibus DP

Ethernet

Certificates / Approvals

ATEX

EAC

Options

Mathscapabilities for further calculations

Specialities

Configuration with ReadWin2000

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