

mipromex®

- **Microprocessor**
- **Measurement technique**
- **Explosion proof** for the evaluation of the impedance measuring signal of pipe or bar probe with in situ electronic measuring equipment MTI



mipromex®

Advantages overview

- Graphic display
- Menu-driven parameterization in D/F/E
- Devices or TAG number storage
- Protected and secured parameter input
- Up to 2 probe connections
- Each 1 analog (4–20 mA) and digital output
- Simulation mA output and limit value
- Fault indication
- Time/Date
- Maintenance-free
- Monitored measuring circuit from probe to relays

Everything in the handle

The menu guide of all equipment and the open commissioning sequence of operations, guarantee a short commissioning effort.

With its graphic display navigate and parametrize will be easily.

Readings in the summary: with the different displays for impulse, per cent and mA value, you have the full comprehension.

Choose the mipromex® for safety and comfort.



Device types

Type: MIQ

Universal Interfacial layer

- batch or continuous separation
- auto phases detection modus
- second measuring circle for fill level of the upper phase or separation attitude

Type: MIL

Interfacial level

- Continuous with analog and digital output
- Initiation process with multiple product archiving

Type: MAT

Analog transmitter

- Up to two measuring circles with analog and digital outputs
- with electronic mA spreading

Type: MLS

Level Switch

- Up to two measuring circle with digital outputs
- Signal Drift compensation
- static or dynamic measuring signal converting with max. limit switch

Type: MLT

Level Transmitter

- Up to two measuring circles with analog and digital outputs
- with electronic mA spreading
- menu supported easy calibration

Your requirements...

- optimal price-capacity ratio with mipromex®
- a reliable supervision of the processes guaranteed by the maintenance-free impedance measuring system.
- a quick initiation without programming effort in the PLS.
- protected parameters for the reliable operation.



Ranges

You regulate an interfacial layer continuously or have a batch separation. The separation attitude shall be supervised or the filling level of the upper phase measured. **Make it easy with the MIQ/MIL**

You want to know which product flows through your pipe or water supervise on solvent or oil. **Make it easy with the MAT**

Boiling delay arises in the reactor, foam suddenly appearing shall be detected. A reliable min/max limit stand in the powder storage reservoir also are given for smallest DK values and adherent powders. **Make it easy with the MLS**

Level measuring for mono- and multiproduct plants with any tank form. **Make it easy with the MLT**

The solution is called: mipromex®

Principle of reliability

The electrode system surrounded by product changes the impedance in function of the dielectric and electrically conductive qualities of organic products and watery solutions.

The measured impedance is converted as a sum signal by the measuring electronics MTI directly in a digital standardized signal.

The measurements in the standardized signal area are product-specific and characteristic for different products.e.g. how it at interfacial layer measuring of two not mixable liquids accrue.

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