CombiLyz®
Conductivity – naturally better.
## Product overview of CombiLyz®

### Features
- **Conductivity and concentration**
- Temperature measurement
- Fast response time
- Resistant to high ambient temperature

### Industries
- Food & Beverage
- Pharmaceutical
- Water/waste water

### Media edge conditions
- °C
- °C for max. 1 hour
- Bar

### Process connections
- G1 hygienic adaptors to most hygienic connections

### Wetted parts material
- PEEK

### Available measurement ranges
- 0...500 μS/cm
- 0...1.0 mS/cm to 0...500 mS/cm
- 0...1000 mS/cm
- −30 °C...150 °C

### Accuracy
- < 1.5 %
- < 1.0 %
- < 0.4 % (of selected range each)

### Housing
- **Stainless steel**
  - AISI 304 (1.4301)
  - IP67 (cable gland), IP 69K (M12)
  - Compact design

### Measuring principle
- Inductive toroidal

### Output signal
- 2 x 4...20 mA
- 4...20 mA HART (pending)
- 2 x relay contact

### Electrical Connection
- M12 plug 4-pin or 8-pin
- M16 or M20 cable gland

### Interfaces
- Built-in graphical display DFON
- Programable by touch screen or external Flex-Programmer 9701

### Standards & Approvals
- 3-A
- EHEDG
- FDA, CE

### Specific information
- Insertion length:
  - Short: 37 mm
  - Medium: 60 mm
  - Long: 83 mm
- Cable length split version: 2.5 / 5.0 / 10.0 m

---

The **CombiLyz® AFI4/AFI5**.

The CombiLyz® is a conductivity transmitter which is used to analyze and differentiate liquid media. It provides either the direct measured conductivity or the calculated concentration value. Additionally, the measured temperature is also available as output. Due to its hygienic and robust design, it meets the highest industrial standards. The split version is available for wall and for clamp mounting.

---


---

**For more information about our CombiSeries visit**

[www.baumer.com/CombiSeries](http://www.baumer.com/CombiSeries) **or ask our experts.**

**Find your local partner:** [www.baumer.com/worldwide](http://www.baumer.com/worldwide)