

CombiLyz[®]

Conductivity – naturally better.



Product overview of *CombiLyz*[®]

Features	Industries	Media edge conditions	Process connections	Wetted parts material	Available measurement ranges	Accuracy
Conductivity and concentration Temperature measurement Fast response time Resistant to high ambient temperature	Food & Beverage Pharmaceutical Water/waste water	-20...+140 °C 150 °C for max. 1 hour < 16.0 bar	G1" hygienic adaptors to most hygienic connections	PEEK	0...500 µS/cm 0...1.0 mS/cm to 0...500 mS/cm 0...1000 mS/cm -30 °C...150 °C	< 1.5 % < 1.0 % < 1.5 % < 0.4 % (of selected range each)

Housing	Measuring principle	Output signal	Electrical Connection	Interfaces	Standards & Approvals	Specific information
Stainless steel AISI 304 (1.4301) IP67 (cable gland), IP 69K (M12) Compact design	Inductive toroidal	2 x 4...20 mA 4...20 mA HART (pending) 2 x relay contact	M12 plug 4-pin or 8-pin M16 or M20 cable gland	Built in graphical display DFON Programmable by touch screen or external Flex-Programmer 9701	3-A EHEDG FDA, CE	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.



The *CombiLyz*[®] AFI4/AFI5 meets the requirements of the respective 3-A Sanitary Standard. It is FDA compliant, meets industrial standards and fulfills EU directives 10/2011, 1935/2004 and 2023/2006.



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