

Conductivity meters LMA-LED CC001- CC01- CC1



For conductive measurement in liquids

0022.8000.001 LMA-LED 001 PP
0022.8005.001 LMA-LED 001 PVDF

0022.8000.01 LMA-LED 01 PP
0022.8005.01 LMA-LED 01 PVDF

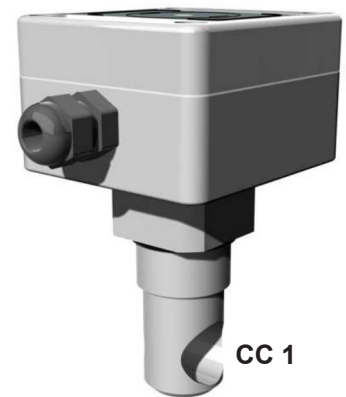
0022.8000.1 LMA-LED 1 PP
0022.8005.1 LMA-LED 1 PVDF



CC 0,01



CC 0,1



CC 1

Programmable conductivity meter with

LED display green / green-red / red

Piezo beeper

Opto-relay output for
Max. 30V / 50mA

switching threshold or

frequency 0...100,0 Hz. for conductance or for temperature.

Current output:

0(4)...20mA for conductance or for temperature.

Measuring range: /cm

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Measuring range selection

			200 mS
			100 mS
			50 mS
			20 mS
			10 mS
			5 mS
			2 mS
		1000µS	1000 µS
		500 µS	500 µS
		200 µS	200 µS
100 µS	_____	100 µS	100 µS
50 µS	_____	50 µS	
20 µS	_____	20 µS	
10 µS	_____	10 µS	
5 µS			
2 µS			
1 µS			
500 nS			
200 nS			
100 nS			

The LEDs, the beeper and the opto-relay can be set freely within the selected measuring range.

The analog output is assigned to the selected measuring range, e.g. 0...10mS \cong 0(4)... 20mA.

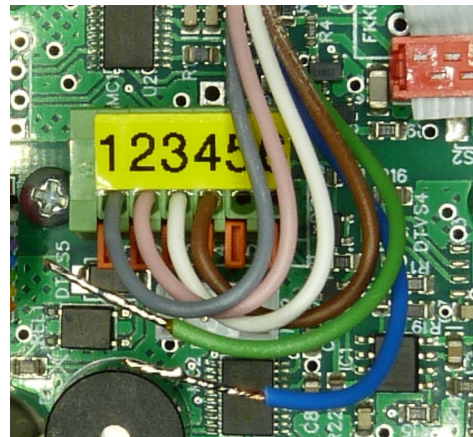
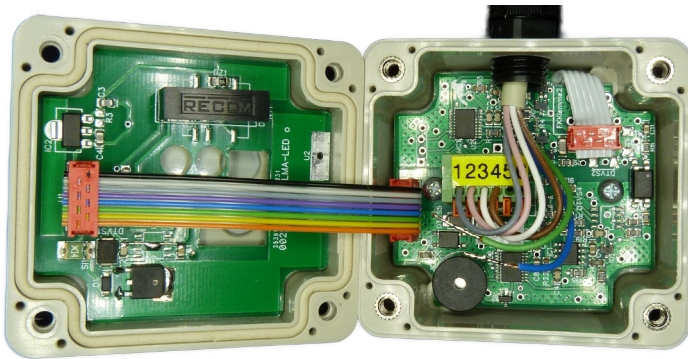
Measuring range temperature: 0...100°C Pt1000 KI. B

Conductivity meters LMA-LED CC001- CC01- CC1



Technical data: (subject to change)

Temperature compensation	TC nat , TC lin 0...6,0
Reference temperature	20°C / 25°C
Measurement accuracy, after fine adjustment	±3% , ±1%
Operating voltage	12 / 24 VDC ± 10%
Current consumption	< 50 mA
Galvanic isolation	Yes, the measurement input is galvanically isolated.
Cable connection	6 x 0,25 sqmm
Ambient temperature	-20...50°C
Protection class	IP65
Housing measuring cells	PP / PVDF
Medium contacting materials	CC 0.01 / 0.1 1.4404, EPDM / CC 1 Titan, Graphite, EPDM
Measuring surfaces CC 0.01 + 0.1 / CC 1	1.4404 / Graphite
Temperature resistance measuring cells	PP 0...60°C / PVDF 0...110°C
Compressive strength	16 bar until 60°C PP / 16 bar until 110°C PVDF



- 1+2 = Switching output 30V /50mA
- 3 = +24VDC
- 4 = GND
- 5 = Signal output 4...20mA
- 6 = GND

Recommended connection:
 0.25...0.34qmm
 Strip wire 10mm long
 and tin.

