

# Conductivity meters LMA-LED CC001- CC01- CC1

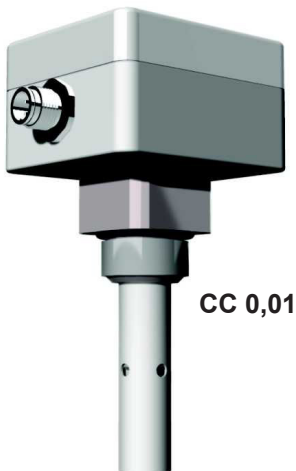


For conductive measurement in liquids

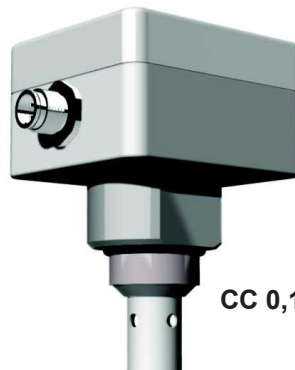
0022.8000.001 LMA-LED 001 PP  
0022.8005.001 LMA-LED 001 PVDF

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

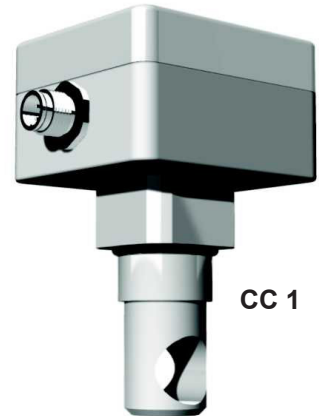
0022.8000.1 LMA-LED 1 PP  
0022.8005.1 LMA-LED 1 PVDF



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

Measuring range: /cm

Measuring range: /cm

### 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

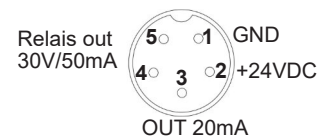


**Technical data:** (subject to change)

Temperature compensation	TC nat , TC lin 0...6,0
Reference temperature	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	Plug M12-GX12
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

### Plug connection

Viewed from the outside on the pins.



### M12-GX12 connection cable

Brown	BN	1	Ground
White	WH	2	+24VDC
Gray	GY	3	4...20mA
Yellow	YE	4	Relais
Green	GN	5	Relais

