

Conductivity meters LMA-F CC001- CC01- CC1



For conductive measurement in liquids

0022.8040.001 LMA-F 001 PP
0022.8045.001 LMA-F 001 PVDF

0022.8040.01 LMA-F 01 PP
0022.8045.01 LMA-F 01 PVDF

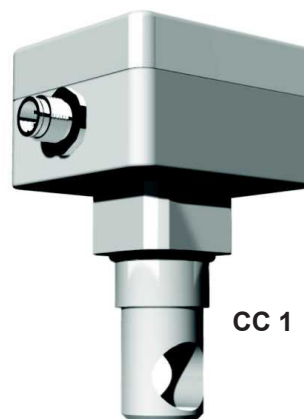
0022.8040.1 LMA-F 1 PP
0022.8045.1 LMA-F 1 PVDF



CC 0,01



CC 0,1



CC 1

Programmable conductivity meter with

2 x frequency output: 0...100 / 1000 Hz for conductance or for temperature.

Measuring range: /cm

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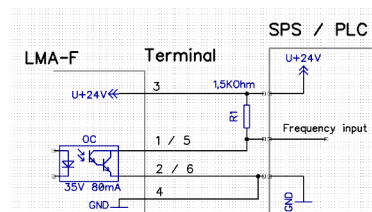
Measuring range: /cm

Measuring range selection

			200 mS
			100 mS
			50 mS
			20 mS
			10 mS
			5 mS
			2 mS
		1000 µS	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 frequency outputs are assigned to the selected measuring range, e.g. 0...10mS $\hat{=}$ 0...1000 Hz, or to the temperature: 0...100°C $\hat{=}$ 0...1000 Hz. Temperature sensor: Pt1000 KI. B.

For frequency measurement the output must be wired according to scheme.



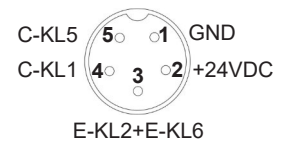


Technical data: (subject to change)

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

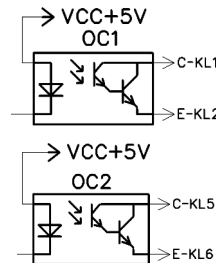
Viewed from the outside on the pins.



M12-GX12 connection cable

Brown	BN	1	Ground
White	WH	2	+24VDC
Gray	GY	3	2x Emitter
Yellow	YE	4	Collector 1
Green	GN	5	Collector 2

potential free switching output / frequency output.
Load = 0...30V 50mA max. Opto coupler



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