

Millimar C 1208 Compact amplifier with background lit display



Features

- Favorites, frequently required functions can be assigned to the SELECT key
- Static measurements $\pm A$, $\pm B$ and all combinations
- Dynamic measurements: Max, Min, Max-Min, Max+Min, mean
- Auto-Detect-Mode, two measuring instruments can be connected (Probe, Plug Gage . . .)
- Programmable via the integrated key pad or by RS232 interface in conjunction with the MS-Windows configuration Software

Display

- Background lit LCD-Display with an analog and a two line digital display
- 5 three color status lamps for warning and tolerances limits
- Up to 2 features can be simultaneously displayed

Connections

- 2 inputs for inductive probes (also compatible with probes from Mahr, Tesa, Mahr-Federal)
- RS232 interface
- 3 digital inputs for measurement start, master measurement, send measured values, . . .
- 3 digital outputs for GO, NO GO, rework, measuring time, . . .
- Supplied with: D1000S Software, operating instructions and a mains power supply plug

Technical Data

Display	Background LCD, 115 mm x 70 mm	Error limit	
Analog scale	Pointer, 61 graduations	- 10 x analog display	2.5%
Range and text display	7 digit LCD, 5 x 7 dot matrix, alpha-numeric	- Digital display	0.3% (min. 0.2 μm)
Measured value display	7 digit LCD, 7 segments	Temperature coefficient	0.005%/ $^{\circ}\text{C}$
Tolerance display	5 LEDs, 3 colors	Operating temperature	0 $^{\circ}\text{C}$. . . 45 $^{\circ}\text{C}$ / 32 $^{\circ}\text{F}$. . . 113 $^{\circ}\text{F}$
Displayed ranges	± 3 , 10, 30, 100, 300, 1000, 3000, 10000 μm ± 0.0001 ; 0.0003; 0.001; 0.003; 0.01; 0.03; 0.1; 0.3 inch; or tolerance related	Interfaces	
Meas. range inductive probe	4000 (± 2000) μm , resolution 0.1 μm	Computer, printer	RS232, 9 pin interface (PC-compatible assignment) 3 Opto-coupler-outputs, 2 24V, 100mA 3 Opto-coupler-inputs, 24V, 10mA
Response time		- Control outputs	
- Meas. value memory	0.010s	- Control inputs	
- Digital display	0.100s	Power supply via	100V . . . 240V, 47Hz . . . 63Hz
- Analog display	0.100s	Mains power pack	10 VA
- Outputs	0.020s	Power consumption	IP54, with conductive dust IP43
		Protection class	
		Housing dimensions (H x W x D)	ca. 205 mm x 160 mm x 165 mm ca. 8.07" x 6.29" x 6.49"
		Weight	ca. 2.1 kg / 4.6 lbs

Order no.

	Order-no.
C 1208 M Mahr compatible	5312080
C 1208 F Mahr-Federal compatible	5312082

For appropriate Inductive probes please refer to pages 7-6 to 7-18

Accessories

	Order-no.
Extension cable (9 pin D-Sub-jack to a D-Sub-socket), length 3 m / 10 ft	7024634
Control Unit with 3 push buttons	5318430
Foot switch for	
for Input 1	5330955
for Input 2	5330956
for Input 3	5330957
Adapter non wired for I/O port	7032401
Keypad dust cover	3025712