

# Product information

## Compact amplifier Millimar C 1202

### Product features

- Versatility for a wide range of measuring tasks.
- N 1700 modules as measuring channels for inductive and incremental probes or for pneumatic measuring equipment.
- High-resolution, high-contrast color display
- Fully adjustable display for ideal viewing angle
- Measurement values can be displayed in three ways: as a number, pointer or bar
- 1 - 3 features can be displayed at once
- Extremely easy to operate
- Several measuring tasks can be stored on the memory card.
- Compact housing
- Suitable for wall-mounting

### Functions

mm/inch, TOL (Tolerance and Warning Limits Input), PRESET (for entering a numerical value), Mastering 1 and 2 point, MAX/MIN memory for searching the reversal point, (MAX-MIN) for testing flatness and concentricity, HOLD (storage of measured values), Selectable resolution, Factor (adjustable), Reversal of counting direction, Control input programmable, Measuring sequence with time control, DATA (data transmission), Menu interlock

### Package contains

power source, micro SD memory card, instruction manual, without N 1700 module (necessary optional accessory)

### Application

Indicating instrument for precise length measurements

- for connecting different sensors by way of N1700 measuring modules
- for connecting up to 2 measuring sensors

### Please note:

**N1700 measuring modules are necessary additional accessories**



Item no.: 5312025

### Technical data

<b>Display</b>	TFT color display, 110 mm (4.3"), 480 x 272 pixels
<b>Range of digital display <math>\mu\text{m}</math></b>	$\pm 999\,999.9$
<b>Range of digital display inch</b>	$\pm 39''$
<b>Range of analog display <math>\mu\text{m}</math></b>	$\pm 5000, \pm 2000, \pm 1000, \pm 300, \pm 100, \pm 30, \pm 10, \pm 3$
<b>Range of analog display inches</b>	$\pm .19'', \pm .07'', \pm .03'', \pm .01'', \pm .003'', \pm .001'', \pm .0004'', \pm .0001''$
<b>Resolution <math>\mu\text{m}</math></b>	0,01, 0,1, 1
<b>Graduation mm</b>	500, 200, 100, 20, 10, 2, 1, 0,2
<b>Graduation value inches</b>	.019", .007", .002", .001", .0002", .0001", .00002", .00001"
<b>Measuring combination</b>	+A, -A, +B, -B, A+B, +A-B, -A+B, -A-B
<b>Features</b>	3
<b>Test steps</b>	1
<b>Dynamic functions</b>	Max, Min, TIR (Max-Min), (Max+Min)/2, Average
<b>Statistical functions</b>	Length, Angle
<b>Configuration</b>	Keyboard
<b>Refresh rate</b>	30
<b>Data transmission rate</b>	30
<b>Error limit, digital display</b>	0.3% (min. 0.2 $\mu\text{m}$ ); 0.3% (min. 0.04 $\mu\text{m}$ )* * (with N 1702 M-HR)
<b>Error limit, analog display</b>	0.25% of the end scale value / 0.3% of the displayed value
<b>Data interface</b>	USB
<b>Hardware interfaces</b>	USB, Control input, RS-485, Micro SD slot for SD / SDHC cards up to 32 GB
<b>Control inputs</b>	Control input programmable (functions and function sequences)
<b>Energy supply</b>	Power source, 230 V/115 V; 50/60 Hz
<b>IP protection category</b>	IP 42
<b>Working temperature MIN</b>	10
<b>Working temperature MAX</b>	35
<b>Operating temperature Min</b>	0
<b>Operating temperature Max</b>	40

### Dimensions

<b>Width (mm)</b>	130
<b>Depth (mm)</b>	145
<b>Height (mm)</b>	175

# Product information

## Compact amplifier Millimar C 1202

### Accessories

Order no.	Designation	Product type
5331120	Module for inductive probes	N 1702 M
5331125	Module for inductive probes	N 1702 M-HR
5331121	Module for inductive probes	N 1702 T
5331122	Module for inductive probes	N 1702 U
5331155	Module for pneumatic gages	N 1701 PF-2500/5000
5331157	Module for pneumatic gages	N 1701 PF-10000
4102603	Data cable USB bi-directional	DK-U1
4102058	Foot switch to trigger data transmission	16 ESf