

# 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

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, Length and angle measurement, HOLD (freeze current measured value), Resolution selectable, Factor (Multiplier for measuring travel), 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 N 1700 measuring modules
- for connecting up to 2 measuring sensors

### Please note:

**N 1700 measuring modules are necessary additional accessories**



Item no.: **5312024**

### Technical data

<b>Refresh rate</b>	30
<b>Range of digital display <math>\mu\text{m}</math></b>	$\pm 999\,999.9$
<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>Resolution <math>\mu\text{m}</math></b>	0,01, 0,1, 1
<b>Display</b>	TFT color display, 110 mm (4.3"), 480 x 272 pixels
<b>Graduation mm</b>	500, 200, 100, 20, 10, 2, 1, 0,2
<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>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, Digimatic
<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 from</b>	0
<b>Operating temperature up to</b>	40

# 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
5331161	Module for incremental sensors	N 1702 VPP
5331155	Module for pneumatic gages	N 1701 PF-2500/5000
5331157	Module for pneumatic gages	N 1701 PF-10000
4102603	Data cable USB bidirectional	DK-U1
4102606	Interface adapter with data cable Digimatic	DK-D1
4102058	Foot switch to trigger data transmission	16 ESf