

# Product information

## Compact length measuring instrument Millimar 832 PE/F1

### Product features

- Digital and analog display in one unit
- Large, high contrast digital display of the exact deviation from zero
- Analog display of measurement related information
- With its fixed ratio and controlled compressed air supply, the digital Dimensionair is a sturdy, reliable system for manufacturing environments
- Only one standard needed for zero offset; the instrument is precalibrated for the correct ratio
- Measuring ranges and resolutions for almost all measuring applications (including measuring equipment with 2, 3, 4 and 6 nozzles, air sensors and nozzle measuring probes, etc.)
- Suitable for dynamic measurement
- RS-232 output for communication with a data storage device, computer or printer, for statistical process control
- Master deviation – improved measurement with even more accurate automatic zero offset

### Package contains

power source, supply hose  
AHO-2, adapter for pneumatic  
plug gages, Federal compatible



Item no.: **2004100**

### Technical data

<b>Display</b>	Display mode A (or A and B for 2 channel models only)
<b>Range of digital display <math>\mu\text{m}</math></b>	$\pm 80, \pm 40, \pm 20$
<b>Range of digital display inch</b>	$\pm .003", \pm .0015", \pm .00075"$
<b>Resolution <math>\mu\text{m}</math></b>	0,2
<b>Graduation mm</b>	4, 2, 1
<b>Graduation value inches</b>	150 $\mu\text{m}$ , 75 $\mu\text{m}$ , 38 $\mu\text{m}$
<b>Tolerance display</b>	5 LEDs
<b>Compatibility</b>	Federal
<b>Dynamic functions</b>	Max, Min, Max-Min
<b>Statistical functions</b>	Actual value, nominal value
<b>Response time digital display</b>	0.43
<b>Error limit</b>	+/- 1 digit
<b>Data interface</b>	RS-232C
<b>Control outputs</b>	5 TTL optocoupler outputs
<b>Analog output</b>	$\pm 5$ VDC bei Maximalausschlag des gewählten Messbereichs für Signal $\pm A, \pm B$
<b>Energy supply</b>	110 V / 60 Hz, Power source
<b>Operating temperature Min</b>	5
<b>Operating temperature Max</b>	35
<b>Product weight</b>	5.00

### Dimensions

<b>Height (mm)</b>	197
<b>Depth (mm)</b>	254
<b>Width (mm)</b>	216

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### Accessories

Order no.	Designation	Product type
7024634	Data connection cable RS232C	
2086962	Magnification kit	AMR-14
2201992	Replacement filter element for AFL-10 filter	AFL-21
2201993	Replacement filter element for AFL-24 filter	AFL-23