

Millmess 2100

► | The Inductive Digital Comparator **Millmess 2100**. Tolerance monitoring is simplified with the color change in the background lit display. I ◀

Dynamic measuring functions:

- MAX / MIN for example, finding the reversal point
- MAX - MIN storing values for example when testing concentricity and flatness



Tolerance function:

clearly visual tolerance excess due to the change of color in the background lit display.



Universal SPS Interface

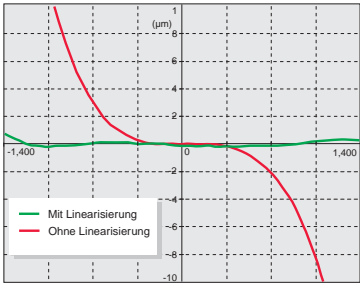
The choice is yours:
MarConnect Data output, choose between USB, Digimatic or RS232C



Control output can be connected to a SPS



Linearized, inductive **absolute measuring system**. Reference point is not lost when the instrument is switched off



Especially suited for use in a manufacturing environment. Waterproof: **protection class IP54** in accordance to IEC 60529



High precision rotary stroke bearings for a longer service life and higher capacity

| | | |
|----------------|----|---|
| Code Initial | IP | International Protection |
| First Numeral | 5 | Dust protected |
| Second Numeral | 4 | Protection against splash water in all directions |

Inductive Digital Comparator Millimess 2100 with background lit display



Features

Functions:

ON/OFF
RESET (zero setting the digital and analog displays)
- 0 - (set the analog display to zero)
PRESET (enter any numerical values)
DATA (data transmission)
mm/inch-switchable
Reversal of counting direction
RANGE (switch the measuring range and resolution)
ABS (reference to electrical zero point)
MAX / MIN memory, e.g. ideal to search for the reversal point
MAX-MIN e.g. testing concentricity and flatness

TOL (entering tolerance)
Tolerance band max. 2.8 mm
LOCK: operating functions can be blocked via PC-Software

- Factor can be set / adjusted
- Linearized inductive absolute measuring system
- Measurement electronic is compensated for temperature
- Power supply via the mains power adapter
- MarConnect data output: choose either
USB
OPTO RS232C
Digimatic

- Dial Comparator can be remotely operated via the interface (Opto RS232C)
- Control output compatible to Dial Comparators with limit contacts
- Operating and display unit (bezel) can be rotated through 280°
- Measuring force spring is interchangeable
- Lower stop is adjustable
- Protection class IP54 according to IEC 60529

- Operating temperature 5 - 40°C
- High contrast background lit LCD with 6.5 mm high digits
- Analog display has a 4 mm long pointer which ensures better visual perception, ideal when checking concentricity and flatness and also to search for the reversal point when measuring bores
- Supplied with:
Mains adapter, rubber bellows and spanner for preliminary stroke setting

Technical Data

| Measuring ranges switchable | Resolution switchable | Display range of the analog display | Span of error* G within | Over-travel | Meas.-force | Order no. | |
|-----------------------------|-----------------------|-------------------------------------|----------------------------|-------------|-------------|-----------|-----------|
| | | | | | | 230 V | 115 V |
| mm (inch) | mm / inch | mm (inch) | ±0.8mm ±1.4mm | mm | N | | |
| ±1.0 (.04") | 0.0005 / .00002" | ±0.015 (.0006") | 1µm 2µm | 1.8 | 0.7 - 0.9 | 4346200 | 4346201** |
| ±1.4 (.055") | 0.001 / .00005" | ±0.030 (.0015") | | | | | |
| | 0.005 / .0002" | ±0.150 (.0060") | | | | | |
| | 0.01 / .0005" | ±0.300 (.0150") | | | | | |

* 1 digit in any zero position

** Includes Adapter Bush 940