

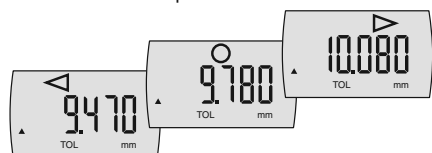
MarCator 1086 Ri

► | The new Digital Indicator **MarCator** 1086 Ri. With the large display and the integrated tolerance function, your measurement results are clearly visual. | ◀

Clear display

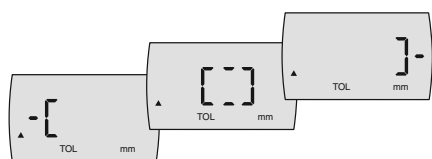
Tolerance indication with the displayed value

Displayed is the actual measured value and the tolerance zone position



Tolerance indication without the value in the display.

In and Out of tolerance will be indicated in the display as a symbol.



IP Protection class IP54 (optional)

- Protection cap is sealed
- Rubber bellows for the measuring spindle
- Sealed battery compartment

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

Error free operation



Lock function: This prevents unintentional activation of an operating button. Either all the operating buttons or only certain individual buttons can be locked. If a locked operating button is pressed the "LOC" symbol will appear in the display.

Universal Data-Interface



• **Integrated Wireless**
The wireless interface for the price of a data cable



• **USB**
No interface box is required! Simple and inexpensive way to set up a multiple measuring instruments via a USB hub



• **Digimatic**
To connect a Digimatic compatible evaluation instrument



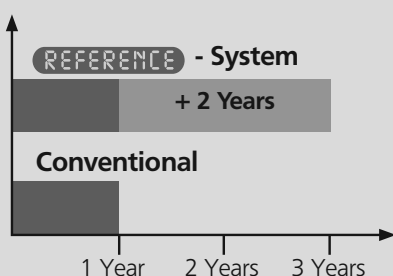
• **Mahr Opto RS232C**
For direct connection to a COM port on a PC



Absolute function:
Digital Indicator can be set in any position to 0.000 without losing the reference to the preset value.

Battery service life is 3 years

The new Reference system is extremely energy efficient as when the indicator is in standby mode; almost no power is required, thus **extending the life of the battery up to 3 years***.

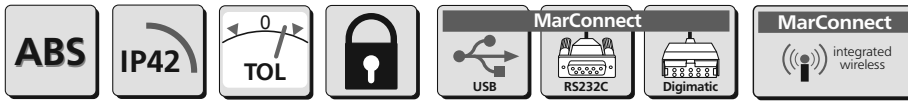


* When Integrated Wireless is deactivated

Just set once to zero

REFERENCE The new Digital Indicators 1086 Ri are equipped with the innovative Reference-System. The zero position only has to be set one time: once it is set, the zero remains stored for all further measurements. Therefore, when the indicator is switched ON or the measuring spindle is moved the indicator is immediately ready for measurement; thus the need to reset as with a conventional indicator is now obsolete.

Digital Indicators MarCator 1086 Ri



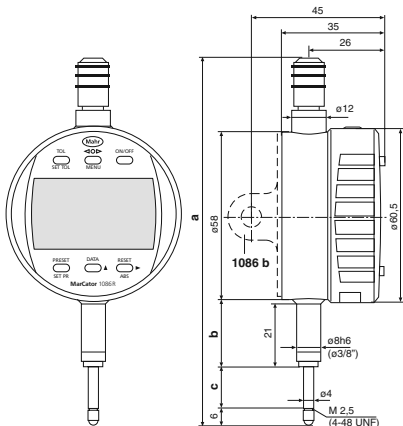
REFERENCE



4337124



4337134



Dimensions

Meas. range		a	b	c
mm	(inch)	mm	mm	mm
12.5	(.5")	126.3	23	13.5
25	(1")	153.4	26.8	26.5

Features

Functions:

- ON/OFF
- RESET (Set display to zero)
- mm/inch
- Reversal of the counting direction
- PRESET (Allows the entry of any value using set buttons)
- TOL (Enter tolerance limit values)
- ABS (Display can be set to zero, without losing the reference to the Preset value)
- <0> (Tolerance GO / NO GO display mode)
- DATA (when connected with a data connection cable)
- Factor (adjustable)
- Immediate measurement due to the Reference system
- Individual buttons can be locked - Lock Function
- Operating and display unit (bezel) can be rotated 280°
- High contrast LCD with 11 mm high digits
- Operating time approx. 3 years (2000 work. hrs/year)
- Maximum measuring speed 1.5 m/s (60"/s)
- Lifter protection cap on the measuring spindle
- MarConnect data output: choose either
USB
OPTO RS232C
Digimatic
Integrated Wireless
- Operating temperature 10 - 40°C
- Class of protection IP42 in accordance to IEC 60529

Supplied with:
Battery,
Operating instructions

Technical Data

Measuring range		Resolution	Span of error*	MarConnect integrated wireless	Measuring force	Weight	Mounting shank	Order no.
mm	(inch)	mm / inch	mm		N	g		
12.5	(.5")	0.001 / .00005"	0.005	●	0.65 - 0.90	130	8h6	4337124
25	(1")	0.001 / .00005"	0.005	●	0.65 - 1.15	140	8h6	4337125
12.5	(.5")	0.01 / .0005"	0.02	●	0.65 - 0.90	130	8h6	4337134
25	(1")	0.01 / .0005"	0.02	●	0.65 - 0.15	140	8h6	4337135

* in any zero point