

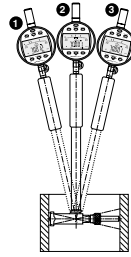
# MarCator 1087 BR

Digital indicator



## FUNCTIONS

- ON/OFF
- RESET (set display to zero)
- mm/inch
- PRESET (for entering a numerical value)
- Reversal of counting direction
- TOL (enter tolerance limit values)
- START/STOP search for reversal point
- MAX/MIN memory for searching the reversal point
- ABS (display can be set to zero without losing reference to preset)
- 0 (set the analog scale display to zero)
- DATA (data transmission via connection cable)
- Factor (adjustable)



## Applications:

- In measurements with a 2-point bore gage the reversing point can be calculated automatically during oscillation. Then a PRESET value can be assigned.
- The ACTUAL value measured is saved by the MIN or MAX function and is shown on the display.
- The 1087 BR model can process 64 measured values per second, for fast measuring movements combined with measuring certainty.

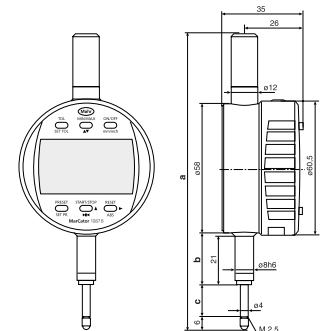
## FEATURES

- High contrast LCD display
- Operating and display unit (bezel) can be rotated through 280°
- Immediate measurements due to the Reference System
- Mounting shank and measuring spindle are both made of hardened stainless steel
- Protection cap on the end of measuring spindle
- **Software:** MarCom Professional free download: [www.mahr.com/marcom](http://www.mahr.com/marcom) (only for Mahr data cables and wireless systems with USB and RS-232 interface)
- **Digit height:** 8,5 mm
- **Data interface:** Opto RS-232C, Digimatic, USB
- **Energy supply:** Battery life approx. 3 years
- **Battery type:** CR 2450N (3V Lithium)
- **IP protection category:** IP 42
- **Package contains:** instruction manual, battery

## TECHNICAL DATA

Order no.	4337662		
Type	1087 BR		
Measuring span	mm	12.5	
Measuring span	inch	.5"	
Resolution	mm	0.0005, 0.001, 0.002, 0.005, 0.01	
Resolution	inch	.00002", .00005", .0001", .0002", .0005"	
Scale graduation values	mm	0.0005, 0.001, 0.002, 0.005, 0.01	
Graduation values	inch	.000002", .000005", .0001", .0002", .0005"	
Range of analog display	mm	± 0.01, ± 0.02, ± 0.04, ± 0.1, ± 0.2	
Range of analog display	inch	± .0004", ± .001", ± .002", ± .004", ± .01"	
Error limit	mm	0.004	
Error limit over 50 graduations	mm	0.002	
Measuring force	N	0.65 – 0.9	
Standard	Factory standard		
Protective measuring spindle cap	•		

Order no.	a	b	c	Mounting shaft
	mm	mm	mm	mm
4337662	126.3	23	13.5	8



## ACCESSORIES

Order no.	Description	Type
4102357	16 EXu Data connection cable USB (2 m)	16 EXu
4102915	Interface adapter with data cable Digimatic (2 m)	16 EWd
4102410	Data connection cable RS232C (2 m)	16 EXr
4375004	Protective cap for 1075 R / 1086 R / 1087 R	1086 s
4310103	Adapter bushing (.375" / 8 mm)	940