MarCator 1086 WR

Digital indicator

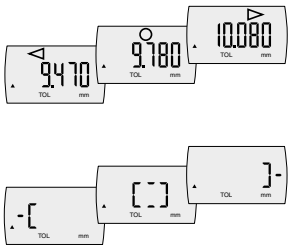
REF system | ABS | TOL | IP 54 | RS232C | Digimatic

FUNCTIONS

- ON/OFF
- RESET (set display to zero)
- mm/inch
- Reversal of counting direction
- PRESET (for entering a numerical value)
- TOL (enter tolerance limit values)
- <0> (tolerance GO / NO GO display mode)
- ABS (display can be set to zero without losing reference to preset)
- DATA (data transmission via connection cable)
- Factor (adjustable)
- LOCK (individual key lock)

FEATURES

- High contrast LCD display
- Operating and display unit (bezel) can be rotated through 280°
- Protection cap on the end of measuring spindle
- Mounting shank and measuring spindle are both made of hardened stainless steel
- Immediate measurements due to the Reference System
- **Software:** MarCom Professional free download: www.mahr.com/marcom (only for Mahr data cables and wireless systems with USB and RS–232 interface)
- **Digit height:** 11 mm
- **Data interface:** Digimatic, Opto RS–232C, USB
- **Energy supply:** Battery life approx. 3 years
- **Battery type:** CR 2450N (3V Lithium)
- **IP protection category:** IP 54
- **Package contains:** instruction manual, battery



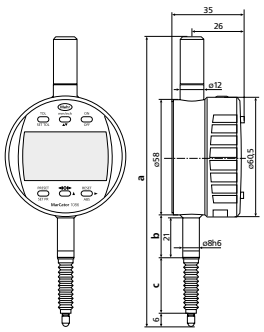
Application:

- Comprehensive measuring function for static measurements such as lengths, distances and length differences

TECHNICAL DATA

Order no.		4337640	4337641
Type		1086 WR	
Measuring span	mm	12.5	25
Measuring span	inch	.5"	1"
Resolution	mm	0.0005, 0.001, 0.002, 0.005, 0.01	
Resolution	inch	.00002", .00005", .0001", .0002", .0005"	
Error limit	mm	0.004	
Error limit over 50 graduations	mm	0.002	
Measuring force	N	0.65 –1.4	1 –2.25
Standard		Factory standard	
Protective measuring spindle cap		•	

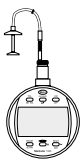
Order no.	a	b	c	Mounting shaft
	mm	mm	mm	mm
4337640	144.3	21	28.5	8
4337641	193.2	24.8	50	8



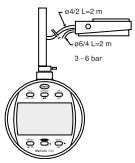
ACCESSORIES

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
4337421	Lug back	1086 b
4336311	Cable release (12.5 + 25 mm)	1085 a
4336237	Pneumatic lifting (12.5 + 25 mm)	1082 p
4337472-E	Rubber bellows (12.5 mm)	
4310103	Adapter bushing (.375" / 8 mm)	940
4884464	Battery 3 V, CR 2450, Type CR 2450	
4337474-E	Rubber bellows (25 mm)	

1086 b



1085 a



1082 p