MarCator 1086 R / 1086 ZR

Digital Indicator

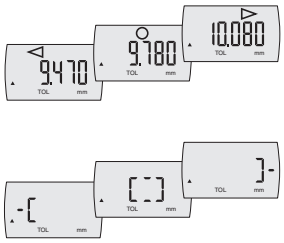
RS232C | Digimatic | ABS | TOL | IP 42 | REF system

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
- Operating and display unit (bezel) can be rotated through 280°
- Lifter protection cap on the measuring spindle
- Mounting shank and measuring spindle are both made of hardened stainless steel
- Immediate measurements due to the Reference System
- **Digit height:** 11 mm
- **Data interface:** Digimatic, Opto RS232C, USB
- **Energy supply:** Battery life approx. 3 years
- **IP protection category:** IP 42
- **Package contains:** instruction manual, battery



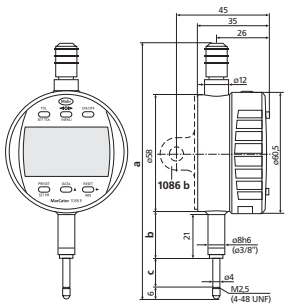
Application:

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

TECHNICAL DATA

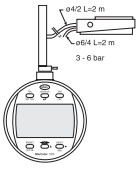
Order no.		4337620	4337621	4337622	4337623	4337650	4337651
Type		1086 R				1086 ZR	
Measuring span	mm	12.5	25	50	100	12.5	25
Measuring span inch	inch	.5″	1″	2″	4″	.5″	1″
Numerical increment	mm	0.0005, 0.001, 0.002, 0.005, 0.01					
Numerical increment	inch	.00002″, .00005″, .0001″, .0002″, .0005″					
Error limit	mm	0.004		0.007	0.008	0.004	
Error limit over 50 graduations	mm	0.002					
Repeatability	mm	0.001					
Measuring force	N	0.65 –0.9	0.65 –1.15	1.25 –2.7	1.8 –3.5	0.65 –0.9	0.9 –1.15
Standard		Factory standard					

Order no.	a	b	c	Mounting shaft	Mounting shaft
	mm	mm	mm	mm	inch
4337620	126.3	23	13.5	8	
4337621	153.4	26.8	26.5	8	
4337622	267.3	40	52	8	
4337623	420.3	91	103	8	
4337650	126.3	23	13.5		.375″
4337651	153.4	26.8	26.5		.375″

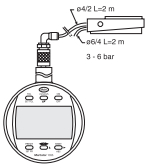


ACCESSORIES

1085 a



1082 p



1082 p

Order no.	Product name	Product type
2246308	Adjustable back	
2254939	Screw back	
2255653	Rack back	
2255778	Adjustable back for 75B	
2255936	Post back	
4102357	16 EXu Data connection cable USB (2 m)	16 EXu
4102915	Digimatic data cable (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
4310103	Adapter bush (.375″ / 8 mm)	940
4884464	Battery 3 V, type CR 2450	
4336230	Pneumatic lifting (50 + 100 mm)	1082 p