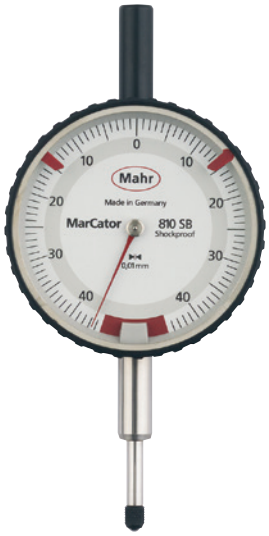
MarCator 810 SB / 803 SB

Safety Dial Indicator

DIN 878

FEATURES

- High contrast dial face
- Adjustable tolerance markers
- Chrome plated housing
- Hermetically sealed protective measuring spindle cap
- Limited measuring range for error free readings
- Large overtravel (ca. 9 mm) for easier insertion of test items in measuring devices
- Precision gears and pinions
- **Package contains:** case



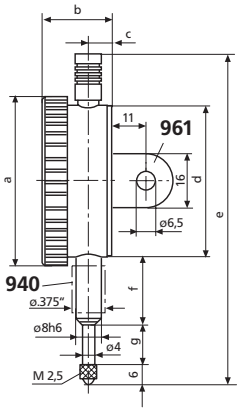
Application:

For safety reasons, the indication range of these dial indicators is limited to just under one pointer rotation.
This prevents the risk of measuring errors arising from possible additional pointer rotations.

TECHNICAL DATA

Order no.		4317000	4324250
Product type		810 SB	803 SB
Measuring span	mm	0.8	0.4
Graduation value	mm	0.01	
Type of dial face		40 –0 –40	20 –0–20
Range per rev.	mm	0.8	
Error limit, measuring range	µm	7	
Error limit, 1/2 revolution	µm	6	
Error limit, 1/10 revolution	µm	5	
Repeatability f_w	µm	3	
Hysteresis f_u	µm	3	
Overtravel	mm	9	4.5
Measuring force incoming measuring pin		0.9 –1.1	0.7 –1.1
Standard		DIN 878	
Shockproof movement		•	
Protective measuring spindle cap		•	
Dial color		White	

Order no.	a	b	c	d	e	f	g	Mounting shaft
	mm	mm	mm	mm	mm	mm	mm	mm
4317000	58	23	7.5	52	120	22	15	8
4324250	44	21.6	6.8	37	83	15.5	8	8



ACCESSORIES

Order no.	Product name	Product type
4310103	Adapter bush (.375" / 8 mm)	940
4375010	Lug back, vertical, for 810	961
4375011	Lug back, horizontal, for 810	962
4375020	Lug back, vertical, for 803	966
4375021	Lug back, horizontal, for 803	967