

### **Precision Dial Indicators 810** DIN style



### **Features**

#### Dial Indicator 810 A

Standard version

- · High precision gears and
- Lifter protection cap on the upper end of the measuring
- Adjustable tolerance markers
- Chrome-plated housing

#### **Dial Indicator 810 AT**

for depth measurement

Design features identical to 810 A, with the following exception:

• Scale of the dial face is counter-clockwise

### **Dial Indicator 810 S**

Shockproof

- High precision gears and
- Lifter protection cap on the upper end of the measuring spindle
- Adjustable tolerance markers
- Chrome-plated housing

### **Dial Indicator 810 SW**

Waterproof and oil proof

Design features identical to 810 S, with the following exceptions:

- Measuring spindle sealed with rubber sleeve, thus preventing contamination by liquids and impurities
- Hermetically sealed protective measuring spindle cap

All indicators are delivered in plastic case

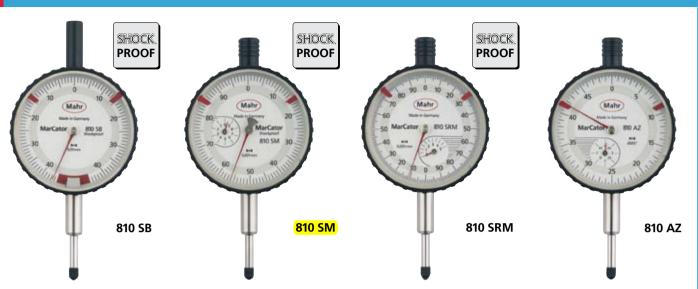
# **Technical Data**

	<b>Range</b> mm	<b>Readings</b> mm	<b>Dial face</b> dia. mm	<b>Overtravel</b> mm	Mounting shank dia. mm	<b>Measuring</b> <b>force</b> N	Accuracy DIN 878	Order no.
810 A 810 AT 810 S 810 SW 810 SB 810 SM 810 SR	0.8 (±0.4)	0.01 0.01 0.01 0.01 0.01 0.001 0.001	50 50 50 50 50 50 50	0.1 0.1 0.1 0.1 9 4 0.1	8h6 8h6 8h6 8h6 8h6 8h6	0.7 - 1.3 0.7 - 1.3 0.7 - 1.3 0.7 - 1.6 0.7 - 1.1 1.3 - 1.8 1.2 - 1.7	•	4311050 4311060 4311000 4315000 4317000 4311070 4311080
810 AZ	.400"	.0005"	2"	.004"	8h6	0.9 - 1.5		4311900

### **Accessories**

	Order no.		Order no.
Adapter Bush for adapting mounting shank 8h6 mm to inch bore .375" 940 Splash Guard Cover for bezel dia. 58 mm 955	4310103 4373020	Mounting Lug Bore perpendicular to mounting shank Bore parallel to mounting shank	961 4375010 962 4375011

### Precision Dial Indicators 810 DIN style



### **Features**

### Dial Indicator 810 SB

with limited measuring range

Design features identical to 810 S, with the following exceptions:

- Limited measuring range (0.8 mm) for error-free readings
- Large overtravel (ca. 9 mm) for easier insertion of test items in measuring devices
- Hermetically sealed protective measuring spindle cap

### **Dial Indicator 810 SM**

Shockproof with reading 0.001 mm

- Precise mechanism with a combined gear lever transmission
- High accuracy with a minimum span of error
- Lifter protection cap on the upper end of the measuring spindle
- Adjustable tolerance markers
- Chrome-plated housing

### **Dial Indicator 810 SRM**

Shockproof with reading 0.001 mm

- High precision gears and pinions
- Lifter protection cap on the upper end of the measuring spindle
- Adjustable tolerance markers
- Chrome-plated housing

## **Dial Indicator 810 AZ**

Inch version

Design features are identical to 810 A, with the following exception:

 The scope of supply includes an Adapter Bush 940 for adapting mounting shank 8h6 mm to inch bore .375"

### **Dimensions according to DIN EN ISO 463**

mm	a	b	C	d	е	f	g
810 A/AT 810 S 810 SW 810 SB 810 SM 810 SRM 810 AZ	Ø 58 Ø 58 Ø 61 Ø 58 Ø 58 Ø 58	23 23 24.15 23 25 23 23	7.5 7.5 7.9 7.5 8.5 7.5	52 52 52 52 52 52 52 52	112 111.5 127.6 120 111.5 111.5	21 22 22 22 22 22 22 22	16 15 22.1 15 15 15

