

# Metric Dial Indicators Series 2

## Series 2

### Standard Type, 1 mm Range, 0,001 mm Graduation



2109S-70  
2110S-70

This is a standard, metric dial indicator. It offers you the following benefits:

- Bezel clamp and lifting lever (optional) can be attached to either right or left side. They can be easily installed and removed without tools.
- No through screw holes on the frame and secure adhesion between the bezel and the crystal as well as the use of an O-ring prevents water or oil penetration.



### Metric

No.	Range	Range per rev.	Graduation [mm]	Scale
2110A-10	1	0,1 mm	0,001	0-100 (100-0)
2110AB-10	1	0,1 mm	0,001	0-100 (100-0)
2110A-70	1	0,1 mm	0,001	0-100 (100-0)
2110AB-70	1	0,1 mm	0,001	0-100 (100-0)
2109A-10	1	0,2 mm	0,001	0-100-0
2109AB-10	1	0,2 mm	0,001	0-100-0
2109A-70	1	0,2 mm	0,001	0-100-0
2109AB-70	1	0,2 mm	0,001	0-100-0

No.	MPE any 1/10 revolution [μm]	MPE any 1/2 revolution [μm]	MPE any 1 revolution [μm]	MPE measuring range [μm]	H MPE (Hysteresis) [μm]	R MPE (Repeatability) [μm]
2110A-10	2,5	4	4,5	5	2	1
2110AB-10	2,5	4	4,5	5	2	1
2110A-70	2,5	4	4,5	5	2	1
2110AB-70	2,5	4	4,5	5	2	1
2109A-10	2,5	4	4,5	5	2	1
2109AB-10	2,5	4	4,5	5	2	1
2109A-70	2,5	4	4,5	5	2	1
2109AB-70	2,5	4	4,5	5	2	1

No.	Measuring force	Mass [g]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	I [mm]
2110A-10	0,4-1,8	149	47,2	66,5	57	18,1	20	16,9	21,1	7,6
2110AB-10	0,4-1,8	140	47,2	66,5	57	18,1	20	16,9	21,1	7,6
2110A-70	0,4-2	150	47,2	67,5	57	18,1	20	12,3	26,7	7,6
2110AB-70	0,4-2	141	47,2	67,5	57	18,1	20	12,3	26,7	7,6
2109A-10	0,4-1,5	148	47,2	60,5	57	18,1	20	16,9	15,1	7,6
2109AB-10	0,4-1,5	139	47,2	60,5	57	18,1	20	16,9	15,1	7,6
2109A-70	0,4-2	149	47,2	65,3	57	18,1	20	12,3	24,5	7,6
2109AB-70	0,4-2	137	47,2	65,3	57	18,1	20	12,3	24,5	7,6

Functions	Series 2
Balanced dial	●
Continuous dial	●
Double scale spacing	●
Shockproof	●
Jeweled bearing	●
IP64	●

### Optional accessories

No.	Description
21AZB195	Limit Hands (green) 2pcs, Dial Indicator Series 2/3/4

### Consumable spares

No.	Description
901312	Contact Element Ball Point, 7,3mm Length, Carbide, Metric
125317	NBR Rubber Boot, for ID-B, IP64 Series 2

125317: for 2109A-70

For accessories and contact points, see end of dial indicators section.

