

# Dial Indicators with 30 mm Stroke Series 2

## Series 2

### Standard Type, 30 mm Range, 0,01 mm Graduation

This is a standard 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.

| Series 2                   |       |        |          |           |          |
|----------------------------|-------|--------|----------|-----------|----------|
|                            | 2052A | 2052AB | 2052A-19 | 2052AB-19 | 2330A-10 |
| Functions                  |       |        |          |           |          |
| Continuous dial            | •     | •      | •        | •         | •        |
| Reverse reading            |       |        |          |           | •        |
| Coaxial revolution counter |       |        |          |           | •        |
| Cushioned end point        | •     | •      | •        | •         | •        |
| Shockproof                 |       |        | •        | •         | •        |
| Jeweled bearing            |       |        | •        | •         | •        |

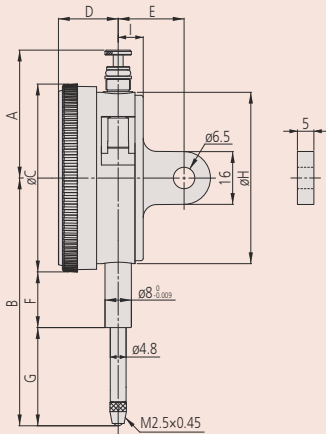
### Optional accessories

| No.      | Description                                           |
|----------|-------------------------------------------------------|
| 21AZB195 | Limit Hands (green) 2pcs, Dial Indicator Series 2/3/4 |
| 21AZB148 | Bezel Clamp for Dial Gauge, Metric, Series 2/3/4      |

### Consumable spares

| No.    | Description                                                           |
|--------|-----------------------------------------------------------------------|
| 901312 | Contact Element Ball Point, M2,5x0,45, 7,3 mm Length, Carbide, Metric |

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



2052A(B)  
2052A(B)-19



2330A(B)-10



2952A(B)

### Metric

| No.       | Range [mm] | Range per rev. | Dial reading | Graduation [mm] | Measuring force | 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] |
|-----------|------------|----------------|--------------|-----------------|-----------------|------------------------------|-----------------------------|---------------------------|--------------------------|-------------------------|
| 2052A     | 30         | 1 mm           | ±0-100       | 0,01            | 0,4-2,5         | 7                            | 11                          | 12                        | 25                       | 5                       |
| 2052AB    | 30         | 1 mm           | ±0-100       | 0,01            | 0,4-2,5         | 7                            | 11                          | 12                        | 25                       | 5                       |
| 2052A-19  | 30         | 1 mm           | ±0-100       | 0,01            | 0,4-2,5         | 7                            | 11                          | 12                        | 25                       | 5                       |
| 2052AB-19 | 30         | 1 mm           | ±0-100       | 0,01            | 0,4-2,5         | 7                            | 11                          | 12                        | 25                       | 5                       |
| 2330A-10  | 30         | 1 mm           | ±0-100       | 0,01            | 0,4-2,5         | 7                            | 11                          | 12                        | 25                       | 5                       |
| 2330AB-10 | 30         | 1 mm           | ±0-100       | 0,01            | 0,4-2,5         | 7                            | 11                          | 12                        | 25                       | 5                       |
| 2952A     | 30         | 1 mm           | 100-0        | 0,01            | 0,4-2,5         | 7                            | 11                          | 12                        | 25                       | 5                       |
| 2952AB    | 30         | 1 mm           | 100-0        | 0,01            | 0,4-2,5         | 7                            | 11                          | 12                        | 25                       | 5                       |

B-type delivered with flat back plate

| No.       | R MPE (Repeatability) [μm] | Mass [g] | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | H [mm] | I [mm] |
|-----------|----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2052A     | 3                          | 152      | 38,5   | 88,7   | 57     | 18,1   | 20     | 16,9   | 43,3   | 52     | 7,6    |
| 2052AB    | 3                          | 143      | 38,5   | 88,7   | 57     | 18,1   | 20     | 16,9   | 43,3   | 52     | 7,6    |
| 2052A-19  | 3                          | 152      | 38,5   | 88,7   | 57     | 18,1   | 20     | 16,9   | 43,3   | 52     | 7,6    |
| 2052AB-19 | 3                          | 143      | 38,5   | 88,7   | 57     | 18,1   | 20     | 16,9   | 43,3   | 52     | 7,6    |
| 2330A-10  | 3                          | 153      | 38,5   | 88,7   | 57     | 18,1   | 20     | 16,9   | 43,3   | 52     | 7,6    |
| 2330AB-10 | 3                          | 144      | 38,5   | 88,7   | 57     | 18,1   | 20     | 16,9   | 43,3   | 52     | 7,6    |
| 2952A     | 3                          | 152      | 38,5   | 88,7   | 57     | 18,1   | 20     | 16,9   | 43,3   | 52     | 7,6    |
| 2952AB    | 3                          | 143      | 38,5   | 88,7   | 57     | 18,1   | 20     | 16,9   | 43,3   | 52     | 7,6    |