

# Mini digital indicators

## S\_Dial S233

### TECHNICAL SPECIFICATIONS

|                                  |    | 905.4140                                         | 905.4540                  | 905.4511                  | 905.4515                  |
|----------------------------------|----|--------------------------------------------------|---------------------------|---------------------------|---------------------------|
| Measuring range                  | mm | 5                                                | 5                         | 5                         | 5                         |
| Display 90°                      |    | ●                                                | ●                         | ---                       | ---                       |
| Analog scale                     |    | ---                                              | ---                       | ●                         | ●                         |
| Resolution                       | mm | 0.01                                             | 0.001                     | 0.001                     | 0.001                     |
| Execution <sup>3)</sup>          |    | S                                                | S                         | S                         | P                         |
| Max. Error fe                    | μm | 10 <sup>1)</sup>                                 | 5                         | 4                         | 4                         |
| Repeatability                    | μm | 2                                                | 2                         | 2                         | 2                         |
| Measuring force                  | N  | 0.50 - 0.65 <sup>2)</sup>                        | 0.50 - 0.65 <sup>2)</sup> | 0.50 - 0.65 <sup>2)</sup> | 0.60 - 1.20 <sup>2)</sup> |
| Zero setting                     |    | ●                                                | ●                         | ●                         | ●                         |
| REL and ABS measurement          |    | ●                                                | ●                         | ---                       | ---                       |
| Resolution selection             |    | ---                                              | ●                         | ●                         | ●                         |
| PRESET = (max. 130 mm)           |    | ●                                                | ●                         | ---                       | ---                       |
| Min / max / delta display        |    | ---                                              | ---                       | ●                         | ●                         |
| Selection of measuring direction |    | ●                                                | ●                         | ---                       | ---                       |
| S_Connect : Power                |    | USB / RS232 / Digimatic / Wireless <sup>4)</sup> |                           |                           |                           |

|                                  |    | 905.4121                                         | 905.4125         | 905.4521     | 905.4525    | 905.4527     |
|----------------------------------|----|--------------------------------------------------|------------------|--------------|-------------|--------------|
| Measuring range                  | mm | 12.5                                             | 12.5             | 12.5         | 12.5        | 12.5         |
| Analog scale                     |    | ---                                              | ---              | ---          | ---         | ---          |
| Resolution                       | mm | 0.01                                             | 0.01             | 0.001        | 0.001       | 0.001        |
| Execution <sup>3)</sup>          |    | S                                                | P                | S            | P           | S            |
| Max. Error fe                    | μm | 10 <sup>1)</sup>                                 | 10 <sup>1)</sup> | 5            | 5           | 5            |
| Repeatability                    | μm | 2                                                | 2                | 2            | 2           | 2            |
| Measuring force                  | N  | 0.5 - 0.90 N                                     | 0.6 - 1.3 N      | 0.5 - 0.90 N | 0.6 - 1.3 N | 0.5 - 0.90 N |
| Zero setting                     |    |                                                  |                  | ●            |             |              |
| REL and ABS measurement          |    |                                                  |                  | ●            |             |              |
| Resolution selection             |    | ---                                              | ---              | ●            | ●           | ●            |
| PRESET = (max. 130 mm)           |    |                                                  |                  | ●            |             |              |
| Min / max / delta display        |    |                                                  |                  | ---          |             |              |
| Selection of measuring direction |    |                                                  |                  | ●            |             |              |
| Multiplication factor            |    |                                                  |                  | ---          |             | ●            |
| S_Connect : Power                |    | USB / RS232 / Digimatic / Wireless <sup>4)</sup> |                  |              |             |              |

<sup>1)</sup> ± 1 digit

<sup>2)</sup> Values ± 20%, indicator in vertical position, outgoing measuring spindle

<sup>3)</sup> S = Standard P = Protected

<sup>4)</sup> see cables chapter