# Digital position indicator DA09S
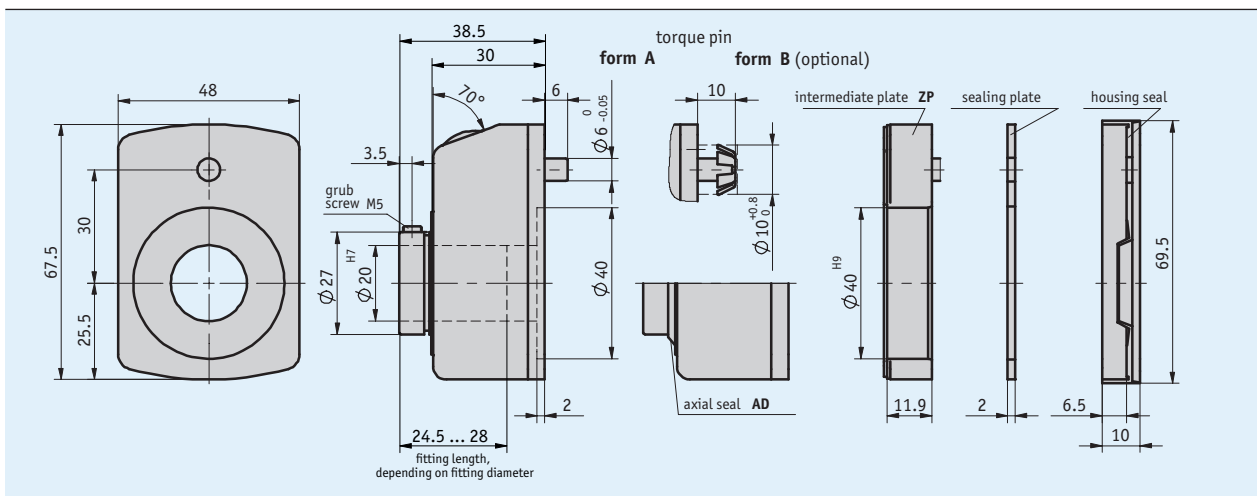## Basic device with 5 decades

## Profile

- Most-used size in slim design
- Hollow shaft, max. Ø 20 mm
- Counter with 5 decades and fine reading
- Display can be designed for "mm" or "inch"
- Magnifying function for good readability
- Stainless-steel driving shaft as an option
- Axial seal, dustproof and splash-proof
- Clamping plate (see accessories)



## Mechanical data

| Feature | Technical data | Additional information |
|---|---|---|
| Housing | reinforced plastic | |
| | zinc die-cast | MCM housing |
| Sight window | plastic | mineral glass as an option |
| Counter | 5 decades, fine reading | |
| Digit height | ~7 mm | |
| Weight | 0.1 kg | |

- **Max. speed**

| Display (after 1st revolution) | max. speed [rpm] |
|---|---|
| 00010 | 500 (1500) |
| 00015 | 500 (1000) |
| 00020 | 500 (750) |
| 00025 | 500 (600) |
| 00030 | 500 |
| 00040 | 375 |
| 00050 | 300 |
| 00060 | 250 |
| 00080 | 180 |
| 00100 | 150 |

Formula:

$$\text{max. speed} = \frac{15000}{\text{indication after 1st revolution}}$$

⚠ *Speeds >500 rpm must only be run for short periods.*

## Ambient conditions

| Feature | Technical data | Additional information |
|---|---|---|
| Ambient temperature | 0 ... 80 °C | |

## Order

### ■ Ordering information

| Display | Mounting position | | | | Counting direction |
|---|---|---|---|---|---|
| `12345` | 02 | 04 | 06 | 07 | e  i |

**Hint: Texts highlighted in orange color are ordering features**

### ■ Ordering table

| Feature | Ordering data | | Specification | Additional information |
|---|---|---|---|---|
| Mounting position | ... | **A** | 02, 04, 06, 07 | see the icons illustrating the mounting positions |
| Indication after 1st revolution | ... | **B** | 10, 12/5, 15, 15/75, 17/5, 20, 25, 30, 39/375, 40, 50, 60, 78/75, 80, 100 | /5 = arithmetical value not displayed |
| | | | others on request | |
| Decimal place | 0 | **C** | 0 = 00000 | |
| | 1 | | 1 = 0000.0 | |
| | 2 | | 2 = 000.00 | |
| | 3 | | 3 = 00.000 | |
| | 4 | | 4 = 0.0000 | |
| Counting direction | i | **D** | clockwise ascending values | |
| | e | | counter-clockwise ascending values | |
| Hollow shaft/diameter | 20 | **E** | ø20 mm | |
| | ... | | RH8, RH10, RH12, RH14, RH18 | reducing bushes |
| | ... | | VA8, VA10, VA14, VA20 | stainless steel |
| Housing | 0 | **F** | orange RAL 2004 | plastic |
| | S | | black RAL 9005 | plastic |
| | GR | | gray RAL 7035 | plastic |
| | FR | | red RAL 3000 | plastic |
| | MCM | | chromatized matt | metal |
| Seal | OAD | **G** | without axial seal | |
| | AD | | with axial seal | |
| | GD | | with axial and housing seal | sealing plate not applicable |
| Intermediate plate | OZP | **H** | without intermediate plate | |
| | ZP | | with intermediate plate | not with seal "GD" |

### ■ Order key

DA09S - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - **A** - **K** - [ ] - [ ] - **BP** - **ORP**
      A    B    C    D    E    F                 G    H

*Scope of delivery: DA09S*

*Accessories:*

| | |
|---|---|
| *Reduction sleeve RH* | *www.siko-global.com* |
| *Clamping plate KP09* | *www.siko-global.com* |
| *Clamping plate KPL09* | *www.siko-global.com* |
| *Pneumatic clamping plate KP09P* | *www.siko-global.com* |