# Digital position indicator DA08
## In the metal housing

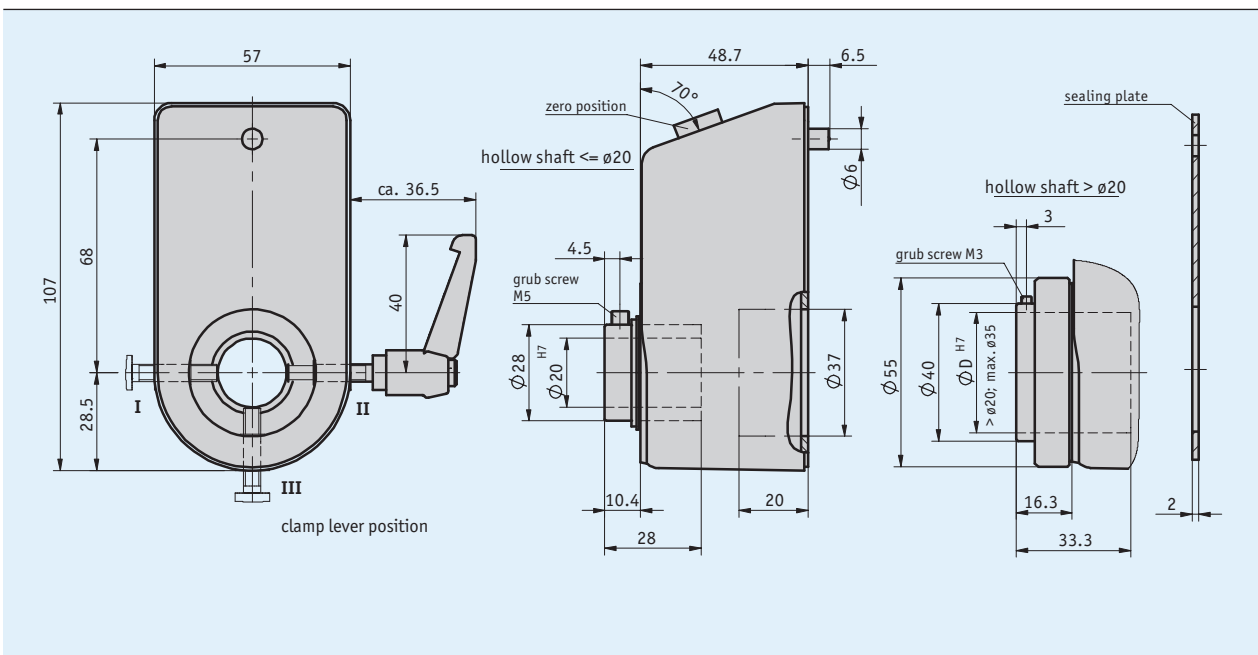## Profile

- Extremely sturdy design in a metal housing
- Hollow shaft, max. Ø 35 mm
- Counter with 4 or 5 decades
- with zeroing function
- Clamp lever integrated in the design
- Stainless-steel driving shaft as an option
- Reversible counting direction



## Mechanical data

| Feature | Technical data | Additional information |
|---|---|---|
| Housing | zinc die-cast | |
| Counter | 4 decades, fine reading | |
| Digit height | ~4.5 mm | |
| Weight | 0.7 kg | |

## max. speed

| Display (after 1st revolution) | max. speed [rpm] with zero position | max. speed [rpm] without zero position |
|---|---|---|
| (0)0010 | 500 | 500  (1200) |
| (0)0020 | 250 | 500  (600) |
| (0)0025 | 200 | 480 |
| (0)0030 | 165 | 400 |
| (0)0040 | 125 | 300 |
| (0)0050 | 100 | 240 |
| (0)0060 | 85 | 200 |
| (0)0080 | 60 | 150 |
| (0)0100 | 50 | 120 |

**Formula:**

*with zero position*

$$\text{max. speed} = \frac{5000}{\text{indication after 1st revolution}}$$

*without zero position*

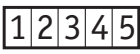$$\text{max. speed} = \frac{12000}{\text{indication after 1st revolution}}$$

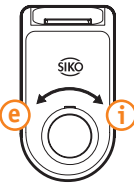⚠️ *Speeds >500 rpm must only be run for short periods.*

## Ambient conditions

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

## Order

■ **Ordering information**

| Display | Mounting position with zero position | Mounting position without zero position | Counting direction |
|---|---|---|---|
| 1234 / 12345 | 01 / 03 | 02 / 04 | e / i |

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

■ **Ordering table**

| Feature | Ordering data | | Specification | Additional information |
|---|---|---|---|---|
| Mounting position | 01 | A | with zero position | see the icons illustrating the mounting positions |
| | 02 | | without zero position | see the icons illustrating the mounting positions |
| | 03 | | with zero position | see the icons illustrating the mounting positions |
| | 04 | | without zero position | see the icons illustrating the mounting positions |
| Counter/digits | 4 | B | 4 decades | |
| | 5 | | 5 decades | |
| Indication after 1st revolution | ... | C | 10, 16, 20, 30, 40, 50, 60, 80, 100 | |
| | | | others on request | |
| Decimal place | 0 | D | 0 = 00000 | only with 5 decades |
| | 1 | | 1 = 0000.0 | |
| | 2 | | 2 = 000.00 | only with 5 decades |
| | 3 | | 3 = 00.000 | only with 5 decades |
| | 4 | | 4 = 0.0000 | only with 5 decades |
| Counting direction | i | E | clockwise ascending values | |
| | e | | counter-clockwise ascending values | |
| | e/i | | can be adjusted by the customer | by opening the housing |
| Hollow shaft/diameter | 20 | F | ø20 mm | |
| | 35 | | ø35 mm | only with display after 1st rotation "50" |
| | VA20 | | ø20 mm | stainless steel |
| | ... | | RH10, RH12, RH14, RH16, RH18 | reducing bushes |
| Color | 0 | G | orange RAL 2004 | |
| | S | | black RAL 9005 | |
| Clamp lever/position | OKL | H | without locking lever | |
| | I | | position I | |
| | II | | position II | |
| | III | | position III | |

■ **Order key**

DA08 - [ A ] - [ B ] - [ C ] - [ D ] - [ E ] - [ F ] - [ G ] - [ H ]

**Scope of delivery:** *DA08*

**Accessories:**
*Reduction sleeve RH*                     *www.siko-global.com*