

## Revolution- or Stroke Counters

Types 101/103  
301/309



surface-mounting



flush-mounting



without housing

- 4- or 5 digit display
- Without reset
- With or without case
- Miniature size

### CASE

Counters in this series are available with surface-mounting case, with flush-mounting case or without any housing.

### TECHNICAL DATA

|                    |                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display            | 4 or 5-digit, depending on version                                                                                                                        |
| Digit height       | 4.2 mm                                                                                                                                                    |
| Mounting           | depending on version                                                                                                                                      |
| Case               | plastic (POM) black                                                                                                                                       |
| Weight             | approx. 5 g, with case approx. 9 g                                                                                                                        |
| Counting mode      | Revolution counter: + (-) adding in the specified direction, subtracting in reverse direction.<br>Stroke Counter: + is fixed, adding                      |
| Transmission ratio | 1:1 or 1:10, depending on version                                                                                                                         |
| Max. speed         | Revolution counter: 1.000 rpm, at a transmission ratio of 1:10 max. 100 rpm. Stroke counter: max. 500 strokes/min., switching distance min. 46°, max. 49° |
| Torque             | Revolution counter: 0.05 Ncm, Stroke counter: 1.0 Ncm                                                                                                     |
| Reset              | none                                                                                                                                                      |

### DIMENSIONS

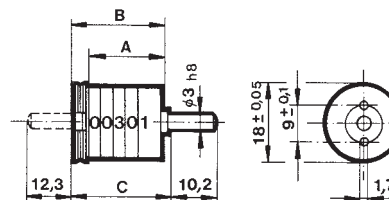
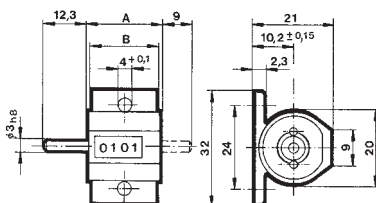
Type 101/301  
surface-mounting case

Type 101/301 surface mounting case

|   | A    | B    |
|---|------|------|
| 4 | 19.5 | 18.5 |
| 5 | 22.5 | 21.5 |

Type 101/301 without case

|   | A    | B    | C    |
|---|------|------|------|
| 4 | 13.5 | 15.5 | 17.6 |
| 5 | 16.5 | 18.5 | 20.6 |



Dimensions in mm

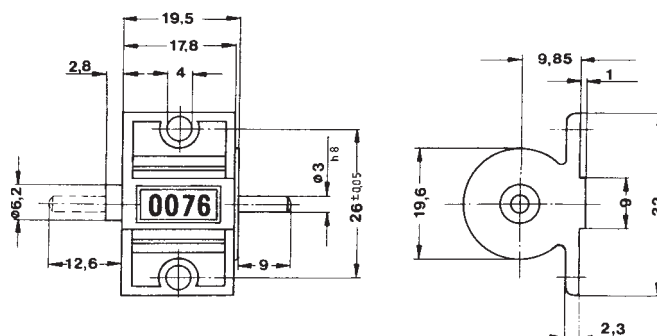
# Types 101/103 301/309

## DIMENSIONS

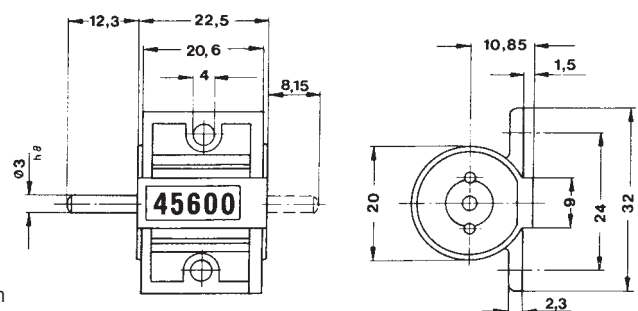
Typ 103/309 flush mounting case

## Technical data

4 digits 26 mm



5 digits 24 mm



Dimensions in mm

## ORDER INFORMATION Revolution Counters

Ratio

| Case | Number of digits | Actuation/sense of rotation |            |            |           |
|------|------------------|-----------------------------|------------|------------|-----------|
|      |                  | Bz                          | Bw         | Bz         | Bw        |
| 1:1  | Surface 4        | 0 101 605                   | 0 101 606* | 0 101 607  | 0 101 608 |
|      | 5                | 0 101 609                   | 0 101 610  | –          | –         |
|      | flush 4          | 0 103 605                   | 0 103 606  | 0 103 607  | 0 103 608 |
|      | 5                | –                           | –          | –          | –         |
| 1:10 | Surface 4        | 0 101 505                   | 0 101 506  | 0 101 507  | 0 101 508 |
|      | 5                | 0 101 613                   | 0 101 614* | 0 101 615* | 0 101 616 |
|      | flush 4          | 0 103 505                   | 0 103 506  | 0 103 507  | 0 103 508 |
|      |                  |                             |            |            |           |

## Stroke Counter

| Case    | Number of digits | Actuation/sense of rotation |            |            |            |
|---------|------------------|-----------------------------|------------|------------|------------|
|         |                  | Bz                          | Bw         | Bz         | Bw         |
| Surface | 4                | 0 301 505                   | 0 301 506  | 0 301 507  | 0 301 508  |
|         | 5                | 0 301 509                   | 0 301 510  | 0 301 511  | 0 301 512  |
| flush   | 4                | 0 309 505*                  | 0 309 506* | 0 309 507* | 0 309 508* |
|         | 5                | 0 309 509                   | 0 309 510* | 0 309 511* | 0 309 512* |
| without | 4                | 0 301 401*                  | 0 309 402  | –          | –          |
|         | 5                | 0 301 405*                  | –          | 0 301 407* | 0 301 408* |

Stroke lever 0 600 007

For further stroke levers see accessories

\* on request  
Inquire for other versions