

# Data Sheet for Precision adjustment Knobs

Precision adjustment knob with digit role and locking mechanism

Series DCD



**Adjustment knob DCD in 26 x 44 mm housing with 3 or 4 digit display for 10 or 100 revolutions and locking mechanism.**

- Knob with 3 or 4 digit display
- For 10 or 100 revolutions
- With locking mechanism
- For 3..6,35 mm shafts
- Housing in grey or black

The DCD series allows a very precise manual handling with up to 10 or 100 revolutions. The lock prevents unintentional adjustments.

## Data adjustment knob

|                                      |                                                    |
|--------------------------------------|----------------------------------------------------|
| Number of full revolutions           | 10 or 100                                          |
| Counter range of the adjustment knob | 3 or 4 digit counter role (000..999 or 0000..9999) |
| Brake available                      | yes                                                |
| For shaft diameter                   | 3 mm / 3,175 mm / 4 mm / 6 mm / 6,35 mm            |
| Shaft length (of sensor) over panel  | max. 21 mm, min. 16,5 mm                           |
| Housing dimensions                   | 26 x 44 mm                                         |
| Housing depth                        | 16,5 mm (with knob 26 mm)                          |
| Knob diameter                        | Conical from 15 mm (front) to 16,5 mm (end)        |
| Operating temperature range          | -30..+60°C                                         |
| Storage temperature range            | -30..+60°C                                         |
| Protection grade (IEC 60529)         | IP40                                               |
| Colour housing                       | Black, silver                                      |
| Colour adjustment knob               | Black                                              |
| Material knob/housing                | Plastic and metal                                  |
| Mass                                 | ca. 60 g                                           |
| Mounting parts included in delivery  | Hexagon socket wrench                              |

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## Order code

### Description

Selection: standard=black/bold, possible options=grey/cursive

### Series:

DCD

### Number of digits:

3 digit display

10

4 digit display

100

### For shaft diameter:

Ø 6,00

6 MM

Ø 6,35

1/4 "

Option Ø 3

3 MM

Option Ø 3,175

3,17 MM

Option Ø 4

4 MM

### Housing colour:

Black

SCHWARZ

Gray

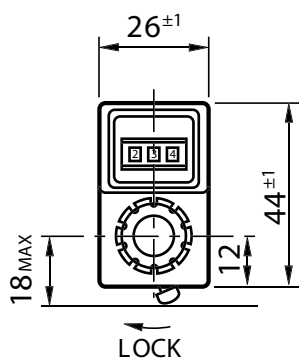
GRAU

**For higher quantities or on-going demand, additional options are available as described below on request**

For example: Other housing colours such as aluminium, versions with cardan coupling, without anti-rotation pin, without locking mechanism etc.

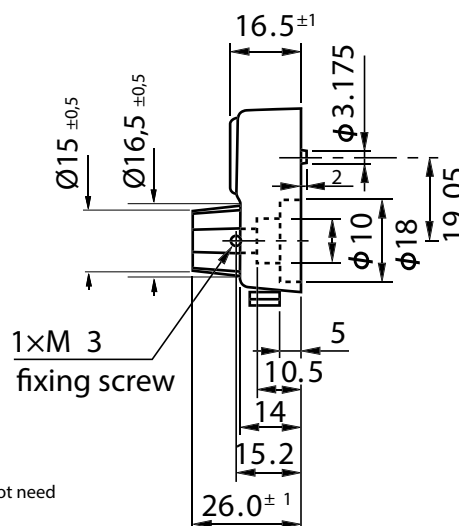
## Drawing

### DCD 10 / 100

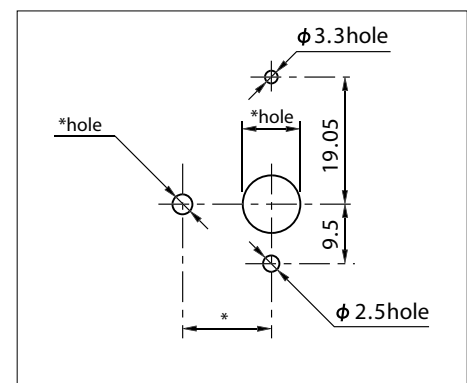


Note: DCD 100 with 4 digits

Note: Version with anti rotation pin does not need mounting adaptor or nut



### Panel Arrangements



Note: The diameter of \*hole is depending on the diameter of potentiometer to be mounted.

Dimensions in mm