

# Data Sheet for Precision adjustment Knobs

## Precision adjustment knob with locking mechanism and cardan coupling

**Series MF**


**Miniature adjustment knob MF in 18.5 x 15 mm housing with 50 dashes, revolution counter (10 rev.), locking mechanism and cardan coupling.**

- With locking mechanism
- Housing in silver or black
- Flexible coupling for optimal handling
- MF for vertical and MFA for horizontal mounting
- For 3..4 mm shafts

The flexible coupling mechanism prevents a possible stiffness of the knob which can result with minimal misalignment. The lock prevents unintentional adjustments.

### Data adjustment knob

Number of full revolutions	10
Counter range of the adjustment knob	Scale with numbers (50 dashes) and revolution counter (10 rev.)
Brake available	yes
For shaft diameter	3 mm / 3.175 mm / 4 mm
Shaft length (of sensor) over panel	max. 21 mm, min. 15 mm
Housing dimensions	18.4 x 15 mm
Housing depth	10.5 mm (with knob 24 mm)
Knob diameter	Conical from 8.5 mm (front) to 10 mm (end)
Operating temperature range	-30 °C up to +60 °C
Storage temperature range	-30 °C up to +60 °C
Protection grade (IEC 60529)	IP40
Colour housing	Black, silver
Colour adjustment knob	Black with white scale
Material knob/housing	Plastic and metal
Mass	ca. 15 g
Mounting parts included in delivery	Lock ring, nut, hexagon socket wrench

### Order code

Description	Selection: <b>standard=black/bold</b> , possible <i>options=grey/italic</i>			
<b>Series:</b> Vertical mounting Horizontal mounting	<b>MF</b> <b>MFA</b>			
<b>Counter range:</b> <b>Revolution counter 10</b>		<b>10</b>		
<b>For shaft diameter:</b> <b>Ø 3,00</b> <b>Ø 3,175</b> <i>Option Ø 4</i>			<b>-3 MM</b> <b>-3,17 MM</b> <i>-4 MM</i>	
<b>Housing colour:</b> <b>Silver</b> <i>Option black</i>				<b>SCHWARZ</b>



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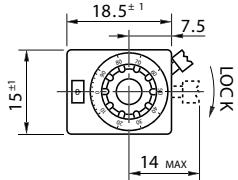
Precision adjustment knob with locking mechanism and cardan coupling

Series MF

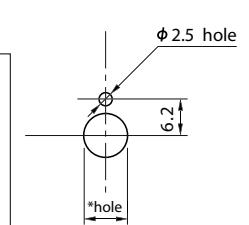
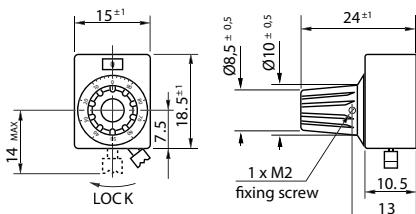
## Drawing

### Panel Arrangements

MFA



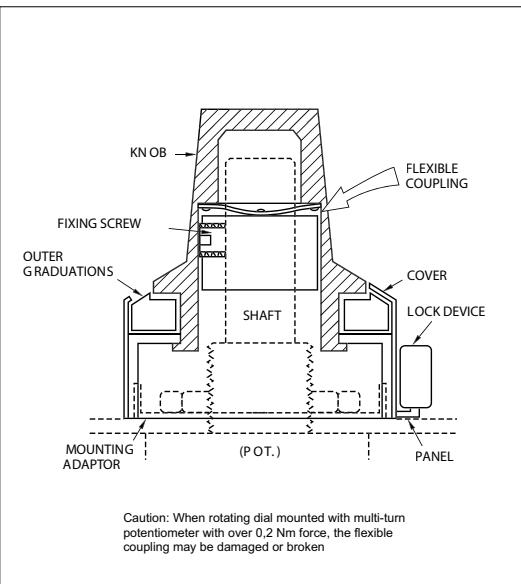
MF



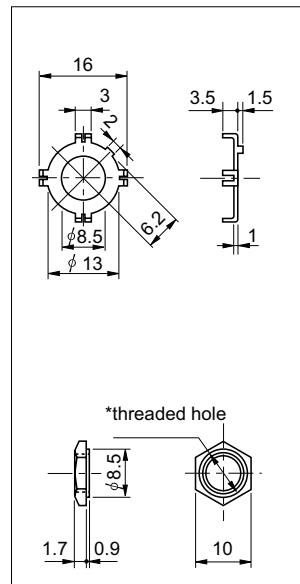
Note: The diameter of \*hole is depending on the diameter of potentiometer to be mounted

Dimensions in mm

### Flexible coupling



### Mounting Adaptors



### How to mount

