

Data Sheet for Precision adjustment Knobs

Precision adjustment Knob with Locking mechanism

Series IMU



The knob IMU with 100 dashes and revolution counter (10 rev.) in Ø22 mm housing has a locking mechanism. The lock prevents unintentional adjustments.

- Knob with 100 dashes
- Revolution counter for 20 revolutions
- With locking mechanism
- For 3..6.35 mm shaft

The IMU series allows a very precise manual handling with up to 20 revolutions (100 dashes per revolution). The knob is used often with a multi-turn potentiometer (e.g. AL17/19).

Data adjustment knob

| | |
|--------------------------------------|--|
| Number of full revolutions | 20 |
| Counter range of the adjustment knob | Scale with numbers (100 dashes) and revolution counter (20 revs) |
| Brake available | yes |
| For shaft diameter | 3 / 3.175 / 4 / 6 / 6.35 mm |
| Shaft length (of sensor) over panel | max. 23 mm, min. 16 mm |
| Housing diameter | 22 mm |
| Housing depth | 25 mm (with knob) |
| Knob diameter | Conical from 10 mm (front) to 12 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 | Silver or black |
| Colour adjustment knob | Black with white scale |
| Material knob/housing | Reinforced fibreglass and metal |
| Mass | ca. 5 g |
| Mounting parts included in delivery | Hexagon socket wrench |

Order code

| Description | Selection: standard=black/bold , possible <i>options=grey/italic</i> | | | | |
|----------------------------|---|---------|---------|--|--|
| Series | IMU | | | | |
| For shaft diameter: | | | | | |
| Ø 6,35 | | 1/4" | | | |
| Ø 6,00 | | 6 MM | | | |
| Ø 4 | | 4 MM | | | |
| Ø 3 | | 3 MM | | | |
| Ø 3,175 | | 3,17 MM | | | |
| Housing colour: | | | | | |
| Silver | | | - | | |
| <i>Option black</i> | | | SCHWARZ | | |



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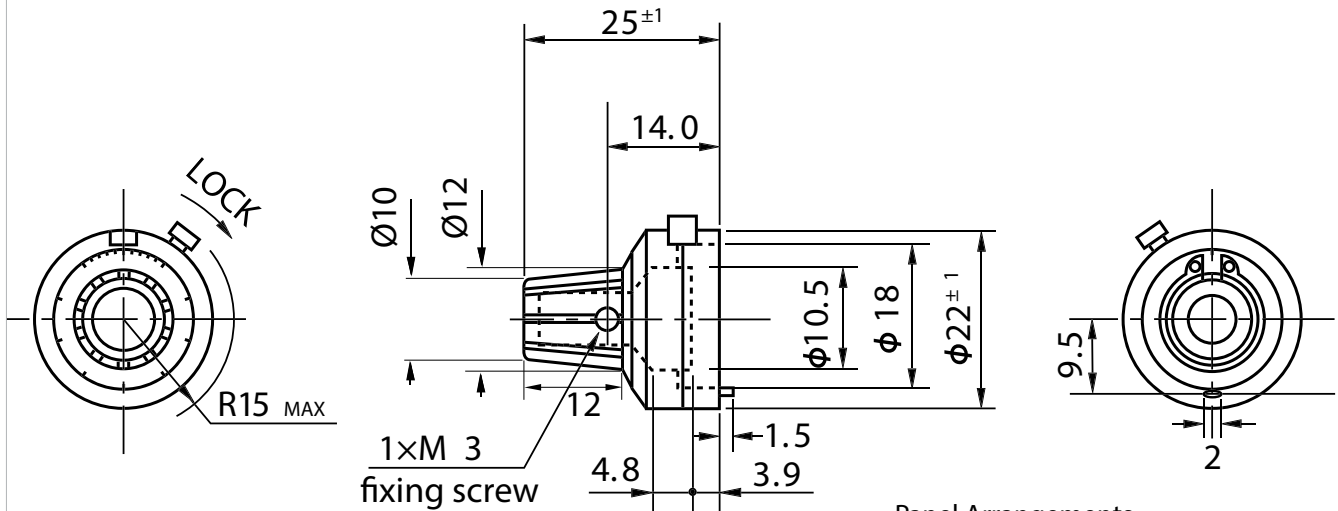
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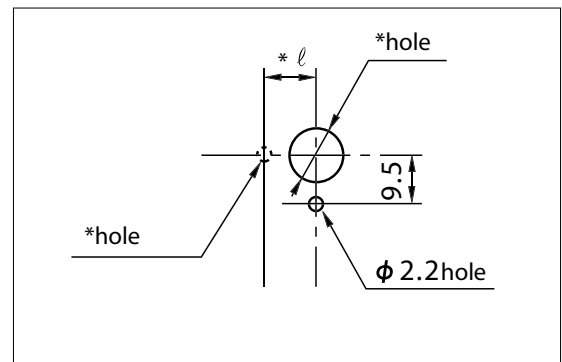
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Drawing



Panel Arrangements



Outer case and knob in different color (Black, Gray, etc.)

100 divisions in inner graduation (Possible read out of 1/1000 in case of 10-turn pot).

*Determined by the pot to be mounted

How to mount

