- **Measuring stroke: 10 mm**
- **Infinite resolution**
- **Life expectancy > 10 million cycles**
- **Compact metal housing**
- **LOW-COST design**

Technical data

Measuring stroke:	$10\ ^{+1}_{-0}$ mm
Mechanical travel:	≤ 12,5 mm
Linearity classes:	1% or 0.5 %
Resistance:	1 KΩ ± 20%
Rating:	0,3 W
Max. current though wiper:	1 mA*
Isolation resistance:	> 10^3 MΩ
Recommended load on wiper:	≥ 1 MΩ*

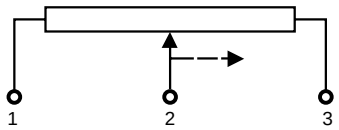
***Note:** Precision potentiometers should only be used as voltage dividers - not as variable resistances!

Construction

Rectangular metal case - Shaft in stainless steel - Conductive plastic resistance element with precious metal wipers - Solder pins for electrical connection.

Dialectric strength:	1000 V - 50 Hz - 1 min
Operating force:	20 cN approx.
Operating temperature range:	- 20° C to + 85° C
Storage temperature range:	- 40° C to + 85° C
Mass of shaft + wiper:	8 g approx.
Total mass:	50 g

Electrical connections



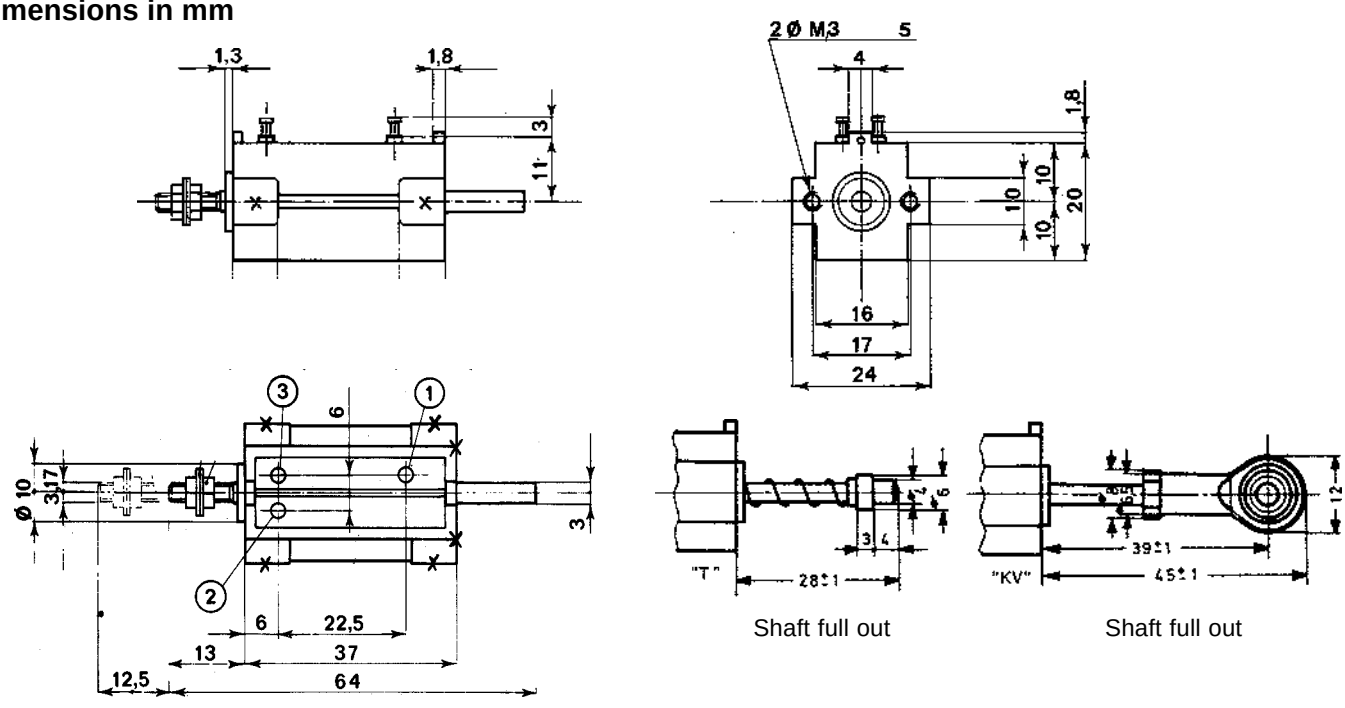
Mechanical options

- Gauge type with spring return and probe head (spring force at midpoint: 200 cN approx.)
  Additional ordering code "T"
- Ball joint at one shaft end
  Additional ordering code "KV"

Mounting

Two tapped holes with M3 threads (5 mm deep) are available at the front face. Additional mounting holes up to 5 mm deep can be tapped by the user at the places marked "x" in the drawing..

Dimensions in mm



Shaft full out

Shaft full out