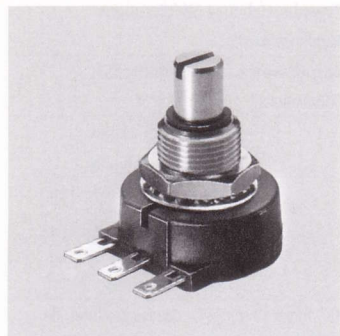


Eingang-Potentiometer  
PC 262/260  
ø 20.0 mm  
50.000 Zyklen  
Cermet

Singleturn Potentiometers  
PC 262/260  
ø 20.0 mm  
50.000 cycles  
Cermet



#### Mechanische Daten

Durchmesser  
Achsdurchmesser  
Maximaler Einstelldrehmoment  
Lebensdauer

#### Elektrische Daten

Anschlusswiderstand R  
Widerstandstoleranz  
Linearität  
Maximaler Schleiferstrom im Störfall  
Belastung P  
Maximale Anschlussspannung  
Maximaler Übergangswiderstand

Temperaturkoeffizient Widerstand  
Spannungsfestigkeit  
Isolationswiderstand

#### Umgebungsbedingungen

Lagertemperatur  
Betriebstemperatur  
Klimatische Prüfklasse  
Schutzart  
Vibrationen  
Schock

#### Material

Gehäuse  
Achse  
Anschlüsse

#### Optionen

- Achslänge bis 50 mm
- Achse mit Fläche (positioniert)
- Achsarten gerändelt, gekerbt, verzahnt, usw.
- Flansch an Buchse
- Buchse mit Fläche
- Drehwinkel positioniert zu einer Fläche

#### Mechanical Data

Diameter 20.0 mm  
Shaft diameter 6.0 mm  
Max. torque 1 Ncm  
Life expectancy 50.000 Zyklen/cycles

#### Electrical Data

Nominal resistance R 100  $\Omega$  ... 2M  $\Omega$   
Resistance tolerance  $\pm 10\%$   
Linearity  $\pm 2.0\%$   
Max. wiper curr. in case of malfunction 100 mA  
Power rating P 2 W/ 70°C  
Maximum supply voltage  $U_{\max} = \sqrt{P \times R}$   
Maximum contact resistance CRV 3% vom Anschlusswiderstand  
CRV 3% of Nominal resistance

Temperature coefficient resistance 100 ppm/°C  
Dielectric strength 1500 VAC/1 min  
Insulating resistance 10 G  $\Omega$  bei/at 500 VDC

#### Environmental Conditions

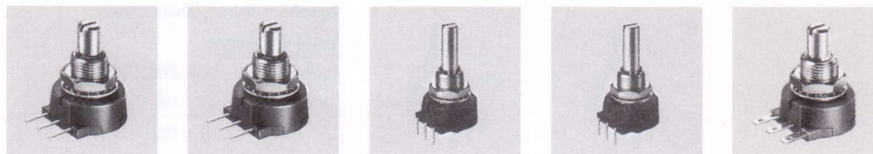
Storage temperature -25°C... +125°C  
Operating temperature -25°C... +125°C  
Climatic rating 25/125/56  
Protection rating IP 50  
Vibration 10 G (30 – 2000 Hz, 0.75 mm)  
Shock 50 G (Halbsinus, 7 ms)  
50 G (half sine pulse, 7 ms)

#### Material

Housing Thermoplast  
Shaft Messing vernickelt/brass nickel plated  
Connections Messing verzinkt/brass solder plated

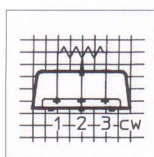
#### Options

- Shaft length up to 50 mm
- Flattened shaft
- Special shafts according to drawings (rimmed, screw driver slot, flat, etc.)
- Pilot diameter
- Flattened bushing
- Index point

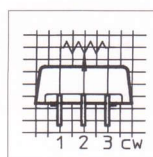


| Typ                | Model               | PC 262-1A-MB | PC 260-1A-MB | PC 262-1B-MB | PC 260-1B-MB | PC 262-4A-MB | PC 260-4A-MB |
|--------------------|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Anschlussbilder    | Connecting diagrams | 1            | 1            | 2            | 2            | 1            | 3            |
| Massbilder         | Dimension drawings  | A            | A            | B            | B            | C            | C            |
| Elektr. Drehwinkel | Electr. angle       | 270°         | 270°         | 270°         | 270°         | 270°         | 270°         |
| Mech. Drehwinkel   | Mech. angle         | 272°         | 300°         | 272°         | 300°         | 272°         | 300°         |

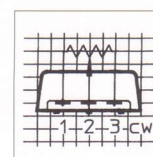
#### Anschlussbilder Connecting diagrams



1 Raster: 2.5 mm  
Ansicht: von vorne  
1 grid: 2.5 mm  
front view

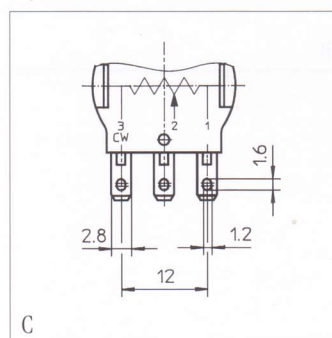
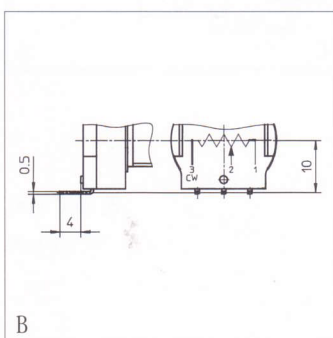
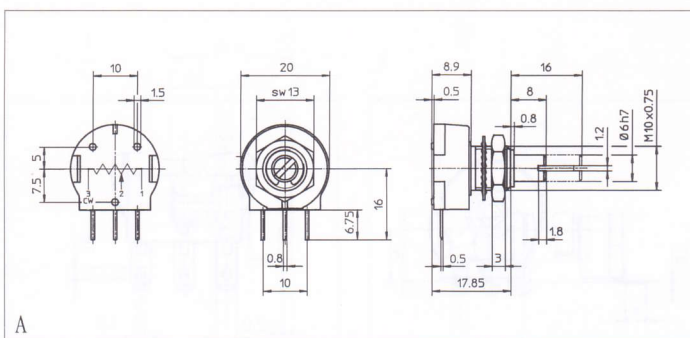


2 Raster: 2.5 mm  
Ansicht: von vorne  
2 grid: 2.5 mm  
front view



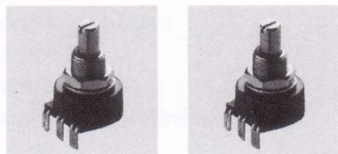
3 Raster: 1.5 mm  
Ansicht: von unten  
3 grid: 1.5 mm  
bottom view

#### Massbilder Dimension drawings



Eingang-Potentiometer  
PC 262/260  
ø 20.0 mm  
50.000 Zyklen  
Cermet

Singleturn Potentiometers  
PC 262/260  
ø 20.0 mm  
50.000 cycles  
Cermet



| Typ                     | Model              | PC 262-4B-MB | PC 260-4B-MB |
|-------------------------|--------------------|--------------|--------------|
| Anschlussbild           | Connecting diagram | 4            | 4            |
| Massbilder              | Dimension drawings | B/C          | B/C          |
| Elektr. Drehwinkel      | Electr. angle      | 270°         | 270°         |
| Mechanischer Drehwinkel | Mechanical angle   | 272°         | 300°         |

## Typenbezeichnung/Abkürzungen

### Marking/Remarks

Anschlussarten: 1A = Print seitlich

Connections: 1A = side PC pins

1B = Print achsial

1B = axial PC pins

4A = Steckzunge seitlich

4A = side solder lugs

4B = Steckzunge achsial

4B = axial solder lugs

Gewindebuchse M = Metrisches Gewinde

Bushing: M = metric thread

Achse: B = ø 6 mm, mit Schlitz

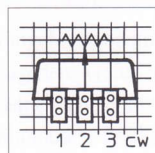
Shaft: B = ø 6 mm, slotted

Z = nach Zeichnung

Z = according to drawing

## Anschlussbild

### Connecting diagram



4 Raster: 1.5 mm

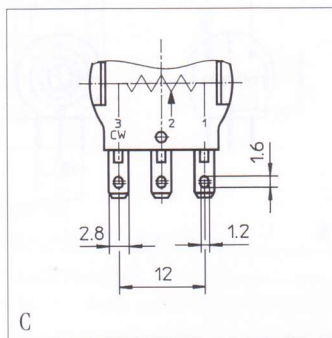
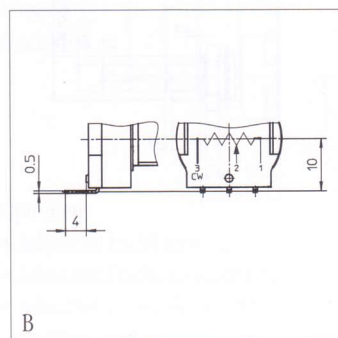
Ansicht: von unten

4 grid: 1.5 mm

bottom view

## Massbilder

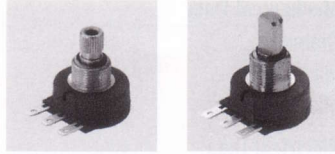
### Dimension drawings





## Sondertypen

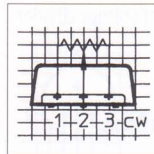
## Special types



| Typ                | Model              | PC 262-4A-MZ | PC 260-4A-MZ |
|--------------------|--------------------|--------------|--------------|
| Anschlussbild      | Connecting diagram | 1            | 1            |
| Massbilder         | Dimension drawings | E            | F            |
| Elektr. Drehwinkel | Electr. angle      | 270°         | 270°         |
| Mech. Drehwinkel   | Mech. angle        | 272°         | 300°         |

## Anschlussbild

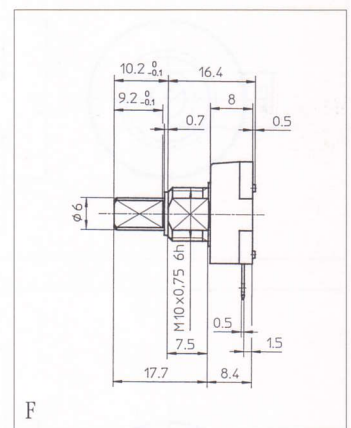
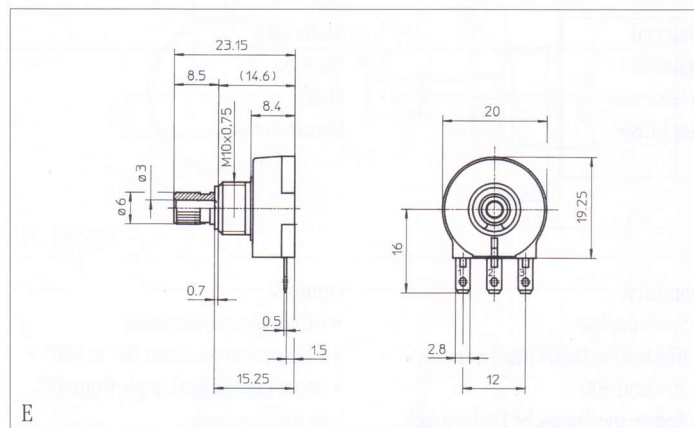
## Connecting diagram



1 Raster: 2.5 mm  
Ansicht: von vorne  
1 grid: 2.5 mm  
front view

## Massbilder

## Dimension drawings

Zubehör/Optionen  
Accessories/Options

siehe Seite 39  
see page 39