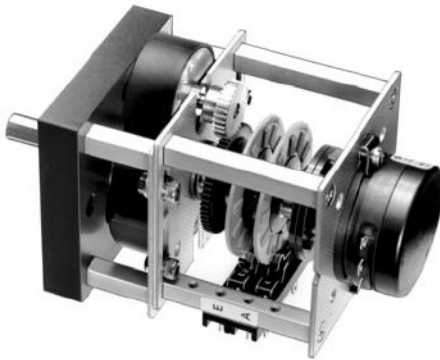


Serie CW 60



- **Leitplastik Potentiometer** Typ CP22 (Typ CP36)
Conductive plastic Potentiometer
- **Widerstandswerte** Resistance 1K0 / 5K0 / 10K (Ω)
- **Hohe Linearität** Excellent linearity $\pm 0,03 \dots \pm 0,1\%$
- **Eingangsübersetzungen** Input ratios 1:1...1000 : 1
- **Programmkanäle** (einstellbar) Program channel (free setting) 2...4

Technical data

Verstellbare Einfachnockenscheibe
Verstellbare Doppelnockenscheibe

Adjustable single cam
 Adjustable double cam

NK4101.20°
NK4201.180°

Programmiermöglichkeiten

Anzahl Impulse pro Umdrehung
 mit Nockenvertiefung 4...180° \cong 1...50 %
 mit Nockenerhöhung 4...356° \cong 1...99 %

Programming possibilities

Number of pulses per revolution
 with cam profile valley 4...180° \cong 1...50 %
 with cam profile peak 4...356° \cong 1...99 %

1
 COM ⁽¹⁾ NC ⁽²⁾
 COM ⁽¹⁾ NO ⁽³⁾

Mikroschalter

Schaltleistung
 Kontaktmaterial
 Übergangswiderstand

Snap action switch
 Switching power
 Contact material
 Contact resistance

KS25B4
 4A 250V AC / 1A 60V DC
 Ag 999
 < 25m Ω

Option

Einfachnockenscheibe (feinjustierbar)
 Impulslängen
 Anzahl Impulse pro Umdrehung
 mit Nockenvertiefung 4...180° \cong 1...50 %
 mit Nockenerhöhung 4...356° \cong 1...99 %

Option

Single cam (fine adjustment)
 Impulse length
 Number of pulses per revolution
 with cam profile valley 4...180° \cong 1...50 %
 with cam profile peak 4...356° \cong 1...99 %

NV4101
 6° / 20°
 1
 COM ⁽¹⁾ NC ⁽²⁾
 COM ⁽¹⁾ NO ⁽³⁾

Mikroschalter
 Kontaktmaterial
 Übergangswiderstand

Snap action switch
 Contact material
 Contact resistance

KS26B4
 Au 4...6 μ m
 < 10m Ω

Serie CW 60

Outline drawing

- **Potentiometergehäuse** (Schleifer)
 Potentiometer housing (Slider)

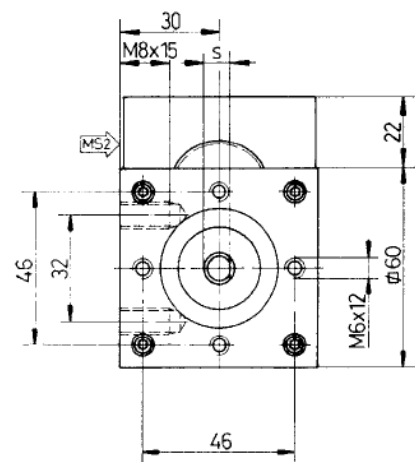
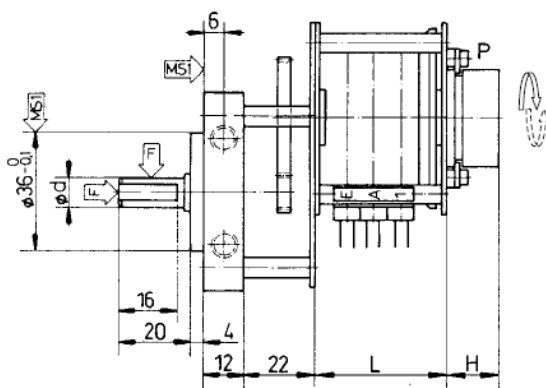
P = verstellbar Ja
 P = adjustable Yes

Eingangsuntersetzung (einstufig) / Input ratio (one stage)

U x:1

$\phi d = 9-h8$ $s = 8,5$ $F = \Rightarrow 40\text{ N} \Downarrow 80\text{ N}$ MS = Montagefläche / Mounting surface

L = siehe Anzahl Schalter / Please see number of switches
 H = 16 mm (Typ CP22) / 17,8 mm (Typ CP36)

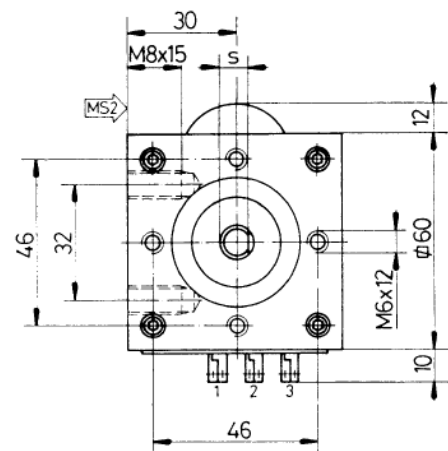
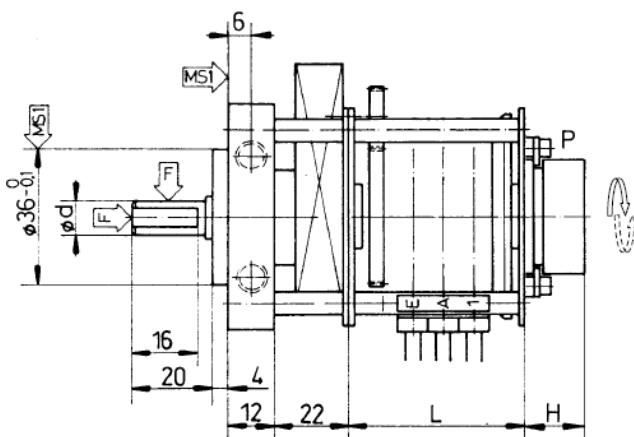


Eingangsuntersetzung (mehrstufig) / Input ratio (more stages)

M x:1

$\phi d = 9-h8$ $s = 8,5$ $F = \Rightarrow 40\text{ N} \Downarrow 80\text{ N}$ MS = Montagefläche / Mounting surface

L = Mass, siehe Anzahl Schalter / Dimension, please see number of switches
 H = 16 mm (Typ CP22) / 17,8 mm (Typ CP36)



Serie CW 60

Order key

CW60 2 U1 1

Dimension: 2.362 x 2.362 inch

Size (mm) / Number of switches:

Dimension: 2
 28 mm --> Size (Type Ux:1)
 36 mm --> Size (Type Mx:1)
2 = 2 Switches
 2 Adjustable limit switches (NK4101.20°)
 0 Program channels (free setting) (NK4201.180°)
 Knob and scale SK100 (0...100%)

Dimension: 3
 36 mm --> Size (Type Ux:1)
 44 mm --> Size (Type Mx:1)
 3 Switches
3 = 2 Adjustable limit switches (NK4101.20°)
 1 Program channels (free setting) (NK4201.180°)
 1 Program key (PSN)
 Knob and scale SK100 (0...100%)

Dimension: 4
 44 mm --> Size (Type Ux:1)
 52 mm --> Size (Type Mx:1)
 4 Switches
4 = 2 Adjustable limit switches (NK4101.20°)
 2 Program channels (free setting) (NK4201.180°)
 1 Program key (PSN)
 Knob and scale SK100 (0...100%)

Input ratios (Shaft to switches + Potentiometer): --> U = one stage; M = more stage

U1 = 1:1	M1 = 12,5:1
U2 = 1,25:1	M2 = 17,5:1
U3 = 1,66:1	M3 = 20,83:1
U4 = 2:1	M4 = 25:1
U5 = 2,5:1	M5 = 37,5:1
U6 = 3:1	M6 = 50:1
U7 = 3,5:1	M7 = 75:1
U8 = 3,75:1	M8 = 125:1
U9 = 4:1	M9 = 250:1
U10 = 4,5:1	M10 = 500:1
U11 = 5:1	M11 = 750:1
	M12 = 1000:1

Conductive plastic potentiometer:

1 = Type CP22 1KΩ / ± 0,1%	4 = Type CP36 5K0.L7 / ± 0,07%
2 = Type CP22 5KΩ / ± 0,1%	5 = Type CP36 5K0.L5 / ± 0,05%
3 = Type CP22 10KΩ / ± 0,1%	6 = Type CP36 5K0.L3 / ± 0,03% On request