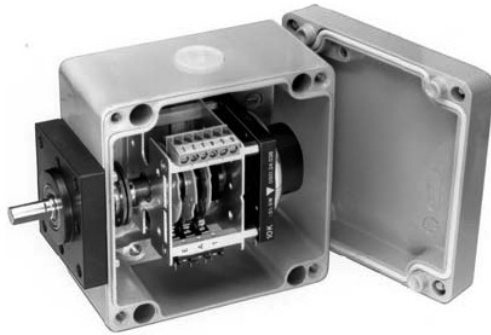


Serie DWG 120



- | | |
|---|----------------------|
| • Widerstandswerte
Resistance | 100R...100K (Ω) |
| • Programmkanäle (einstellbar)
Program channel (free setting) | 2 + 3 |
| • Eingangsübersetzungen
Input ratios | 1:1...2500 : 1 |
| • Mikroschalter
Snap action switches | 4A 250V AC 1A 60V DC |
| • Schutzart
Protection | IP 64 |

Application:

- Motorized potentiometers are basically the best in the field of control and regulation technics
- The possibility to mount several potentiometers on the same shaft allows also a remote display of the position of the potentiometer
- Supplementary cams can be used to give limit signals depending on the position of the potentiometer
- Supplementary cams can also be used to offset a residual resistance of the potentiometer at the zero point
- One supplementary cam can be used as zero point interlocking

Design:

- High precision wire-wound potentiometer with high resolution and linearity
- Potentiometer directly driven by the cam shaft
- Two adjustable limit switches controlling the rotation angle of the potentiometer
- Solid mechanical Stopps preventing damage to potentiometers
- Available with AC or DC motors
- Friction clutch protecting the unit when manually operated
- The modular design allows quick delivery practically without delay, voltage resistance and cycle time according to your requirements

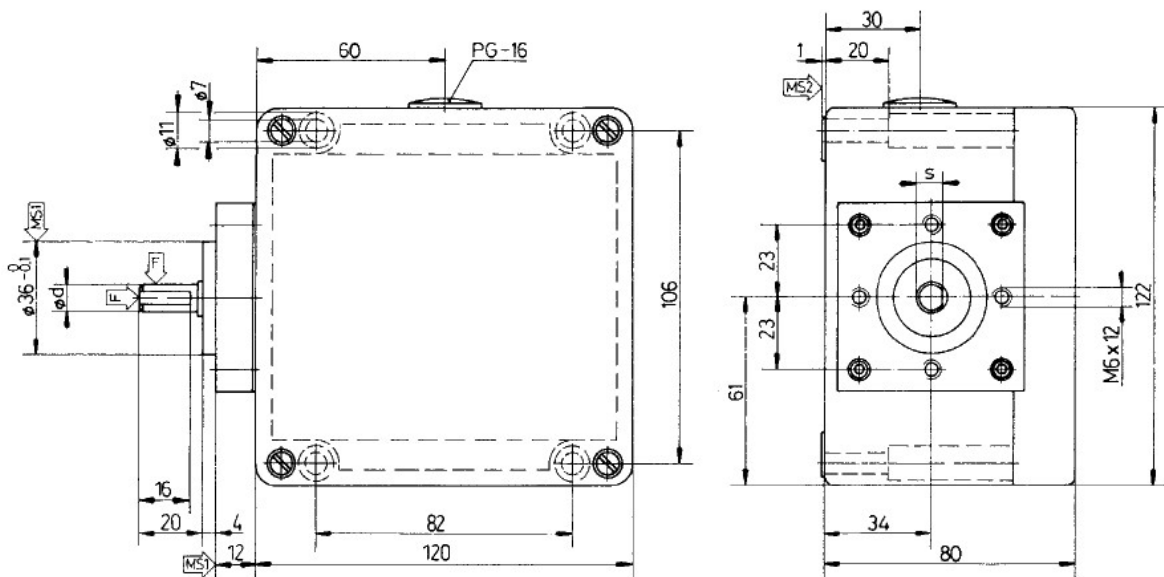
Outline drawing

ød = 9-h8

s = 8,5

F = ⇨40 N ⇩80 N

MS = Montagefläche / Mounting surface



Serie DWG 120

Order key

DWG120 2 U1 1

Alu-diecasting / Colour (RAL 7001 grey)

Size (mm) / Number of switches:

Dimension: 2
 2 Switches
2 = 2 Adjustable limit switches (NK4101.20°)
 0 Program channels (free setting) (NK4201)
 Knob and scale SK100 (0...100%)

Dimension: 3
 3 Switches
3 = 2 Adjustable limit switches (NK4101.20°)
 1 Program channels (free setting) (NK4201)
 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 = 20:1
U3 = 1,5:1	M3 = 25:1
U4 = 2:1	M4 = 37,5:1
U5 = 2,6:1	M5 = 40:1
U6 = 2,75:1	M6 = 52,5:1
U7 = 3,5:1	M7 = 75:1
U8 = 4:1	M8 = 100:1
U9 = 5:1	M9 = 200:1
U10 = 6,5:1	M10 = 300:1
	M11 = 420:1
	M12 = 600:1
	M13 = 750:1
	M14 = 1200:1
	M15 = 2250:1
	M16 = 2500:1

Wire-wound potentiometer:

1 = 200Ω	6 = 10KΩ	
2 = 500Ω	7 = 100Ω	On request
3 = 1KΩ	8 = 20KΩ	On request
4 = 2KΩ	9 = 100KΩ	On request
5 = 5KΩ		