

WSFA202-A1-08-30F1

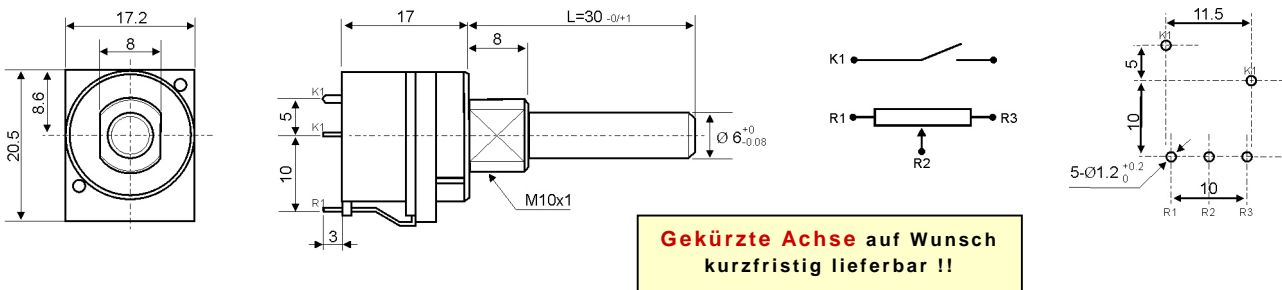
Rotary Potentiometer 16mm Singles
Carbon / With Rotary Switch / Rotation Angle: 300°



CHARACTERISTICS

MECHANICAL CHARACTERISTICS		
Rotation Angle		300° ±5° (including Switching Angle)
Operation Torque		1.0 ~ 2.0 Ncm (Medium Torque)
Permissible Torque At End Stop		35 Ncm max
Mechanical Life		50.000 cycles (10~17 times/minute)
ROTARY SWITCH CHARACTERISTICS		
Switching Angle		40° max
Operation Torque		0.5 ~ 2.9 Ncm
Switch Rating		10A 250VAC
Type		1-pole (SPST)
ELECTRICAL CHARACTERISTICS		
Temperature Range		-20°C ~ +70°C
Rated Power		0.2W lin
Max. Operation Voltage		250VDC lin
Resistance Range		1KΩ to 2MΩ
Resistance Tolerance		±20% (≥1MΩ= ±30%) / ±10% upon request
Resistance Law		LIN (linear) – marking code „B“ (e.g. B10K) others upon request
Residual Resistance		10KΩ ≥ R = 10Ω max / 250KΩ > R > 10KΩ = 20Ω max R ≥ 250KΩ = 0.1%R max
Insulation Resistance		≥ 100MΩ at 500VDC
Electrical Life		30.000 cycles (10~17 times/minute)
Soldering		T ≤ 260°C t ≤ 10s

OUTLINE DRAWING (Unit = mm / Scale = 1:1)



MATERIALS & HOW TO ORDER	
Housing	Plastic
Bush	Plastic / M10x1mm / Length: 8mm / Type KC
Spindle	Plastic / Diameter = 6mm / Length = 30mm / Type F1
Ordering example	WSFA202-A1-08-30F1-10K-20%-LIN

Ordering example for version with individual spindle length:

WSFA202-A1-08-25F1-10K-20%-LIN (for spindle length 25mm) or
WSFA202-A1-08-20F1-10K-20%-LIN (for spindle length 20mm) ..

Passende Mutter und Beilagscheibe sind im Lieferumfang enthalten.



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Standard Resistance Values / Law

Series E3

100R	220R	470R
1K0	2K2	4K7
10K	22K	47K
100K	220K	470K
1M0	2M2	4M7

Resistance Law

