WP20CS-08-60F1

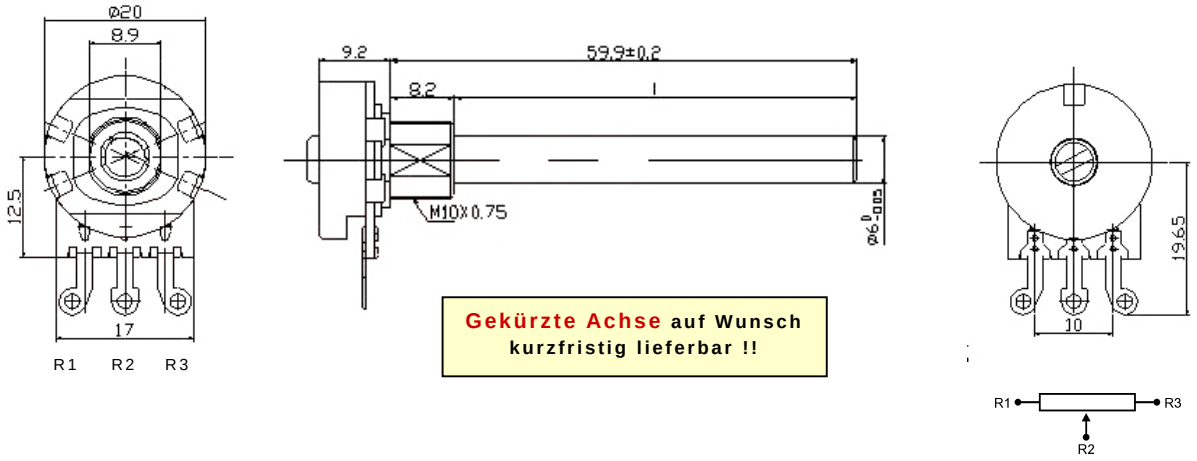
Rotary Potentiometer 20mm Singles
Carbon / Without Switch / Rotation Angle: 300°

CHARACTERISTICS

MECHANICAL CHARACTERISTICS		
	Rotation Angle	**300° ±5°**
	Operation Torque	**1.4 ~ 2.5 Ncm** (Strong Torque)
	Permissible Torque At End Stop	**80 Ncm max**
	Mechanical Life	10.000 cycles

ELECTRICAL CHARACTERISTICS		
	Temperature Range	-10°C ~ +70°C
	Rated Power	**0.4W lin / 0.2W non lin**
	Max. Operation Voltage	200VDC lin / 150VDC non lin
	Resistance Range	100Ω to 5MΩ (lin) / 1KΩ to 2.2MΩ (non lin)
	Resistance Tolerance	±20% (≥1MΩ= ±30%) / ±10% upon request
	Resistance Law	LIN (linear) – marking code „B“ (e.g. B10K) LOG (pos log) – marking code „A“ (e.g. A10K)
	Residual Resistance	10KΩ≥*R* = 10Ω max / 250KΩ>*R*>10KΩ = 20Ω max *R*≥250KΩ = 0.1%R max
	Insulation Resistance	≥ 100MΩ at 500VDC
	Electrical Life	10.000 cycles (10~17 times/minute)
	Soldering	T≤260°C t≤3s

OUTLINE DRAWING (Unit = mm)



Gekürzte Achse auf Wunsch kurzfristig lieferbar !!

MATERIALS & HOW TO ORDER	
Housing	Metal
Bush	Metal / M10x0.75mm / Length: **~8mm** / Type C
Spindle	Plastic / Diameter = 6mm / Length = ~50mm / Type F1
Ordering example	**WP20CS-08-60F1-10K-20%-LIN**

RoHS

Ordering example for version with individual spindle length:
WP20CS-08-25F1-10K-20%-LIN (for spindle length 25mm) or
WP20CS-08-15F1-10K-20%-LIN (for spindle length 15mm) ...

Passende Mutter und Beilagscheibe sind im Lieferumfang enthalten.

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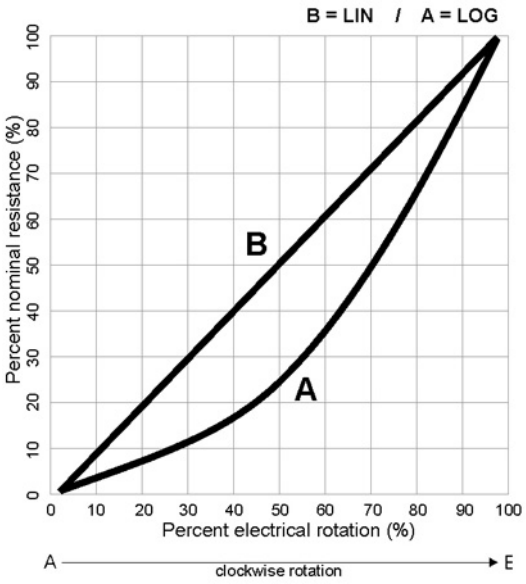
Standard Resistance Values / Law

Series E3

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

Resistance Law



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