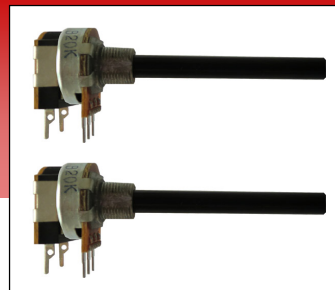


WCIP20CIPS-08-60F1

Rotary Potentiometer 20mm Singles

Carbon / With Rotary Switch / Rotation Angle: 300°



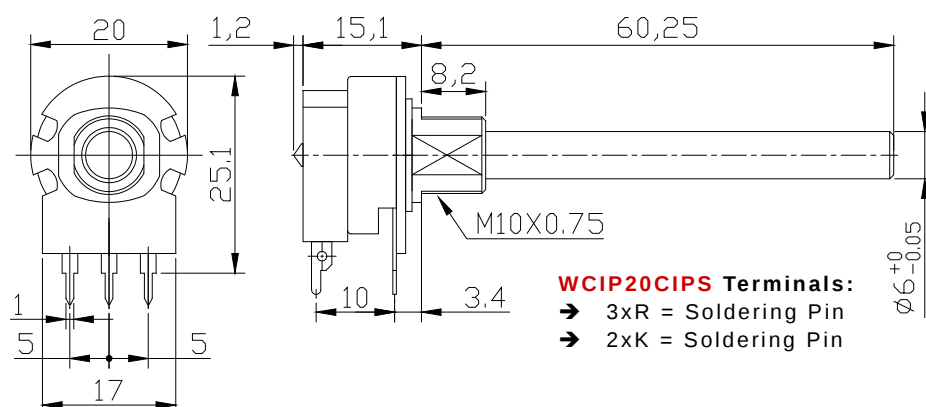
CHARACTERISTICS

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

ROTARY SWITCH CHARACTERISTICS		
	Switching Angle	30° ±5°
	Operation Torque	2 ~ 5 Ncm
	Switch Rating	1.5A 250VAC resist.load / 5A 24VDC
	Switch Life	10.000 times
	Type	1-pole (SPST)

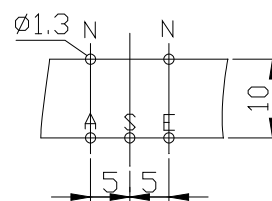
ELECTRICAL CHARACTERISTICS		
	Temperature Range	-20°C ~ +70°C
	Rated Power	0.4W lin / 0.2W non lin
	Max. Operation Voltage	250VDC lin / 150VDC non lin
	Resistance Range	100Ω to 5MΩ (lin) / 1KΩ to 2.2MΩ (non lin)
	Resistance Tolerance	±20% (≥1MΩ= ±30%) / ±10% upon request
	Resistance Law	LIN (linear) – 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)



WCIP20CIPS Terminals:
→ 3xR = Soldering Pin
→ 2xK = Soldering Pin

**Gekürzte Achse auf Wunsch
kurzfristig lieferbar !!**



MATERIALS & HOW TO ORDER	
Housing	Metal
Bush	Metal / M10x0.75mm / Length: 8mm / Type KC
Spindle	Plastic / Diameter = 6mm / Length = ~60mm / Type F1
Ordering example	WCIP20CIPS-08-60F1-10K-20%-LIN



Passende Mutter und
Beilagscheibe sind im
Lieferumfang enthalten.

Weltron®

Weltron Elektronik GmbH
Sommerauer Str. 11
91555 Feuchtwangen

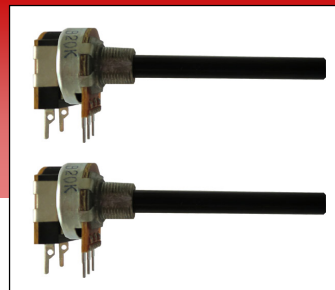
Version: 05.08.2009
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Fax: +49 (0) 98 52/ 67 27-67

DS No: 2/ 5.1
E-Mail: info@weltron.de
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WCIP20CIPS-08-60F1

Rotary Potentiometer 20mm Singles

Carbon / With Rotary Switch / Rotation Angle: 300°



Standard Resistance Values / Law

Series E3

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

Resistance Law

