

# WPFA200-01-KC08-40F21

Rotary Potentiometer 20mm Singles

Carbon / With Push-Push Switch / Rotation Angle: 270°



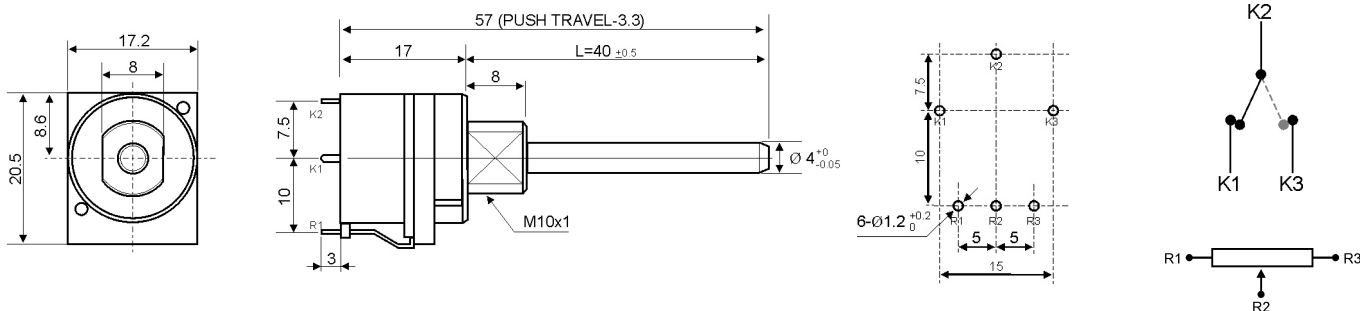
## CHARACTERISTICS

MECHANICAL CHARACTERISTICS		
Rotation Angle		270° ±5°
Operation Torque		0.2 ~ 1.0 Ncm (Low Torque)
Permissible Torque At End Stop		35 Ncm max
Mechanical Life		50.000 cycles (10~17 times/minute)

PUSH SWITCH CHARACTERISTICS		
Switch Rating		10A 250VAC or 24VDC
Switch Circuit		SPDT

ELECTRICAL CHARACTERISTICS		
Temperature Range		-25°C ~ +105°C
Rated Power		0.2W linear law / 0.05W non lin
Max. Operation Voltage		250VDC lin / 125VDC non lin
Resistance Range		1KΩ to 2MΩ
Resistance Tolerance		±20% (≥1MΩ= ±30%)
Resistance Law		LIN (linear) – marking code „B“ (e.g. B10K) LOG (pos log) – marking code „A“ (e.g. A10K)
Insulation Resistance		≥ 100MΩ at 500VDC
Residual Resistance		10KΩ ≥ R = 10Ω max / 250KΩ > R > 10KΩ = 20Ω max R ≥ 250KΩ = 0.1%R max
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 = 4mm / Length = 40mm Type F21
Ordering example	WPFA200-01-KC08-40F21-10K-20%-LIN



Passende Mutter und Beilagscheibe sind im Lieferumfang enthalten.

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## Standard Resistance Values / Law

### Series E3

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

### Resistance Law

