

WP20CS-08-60F1

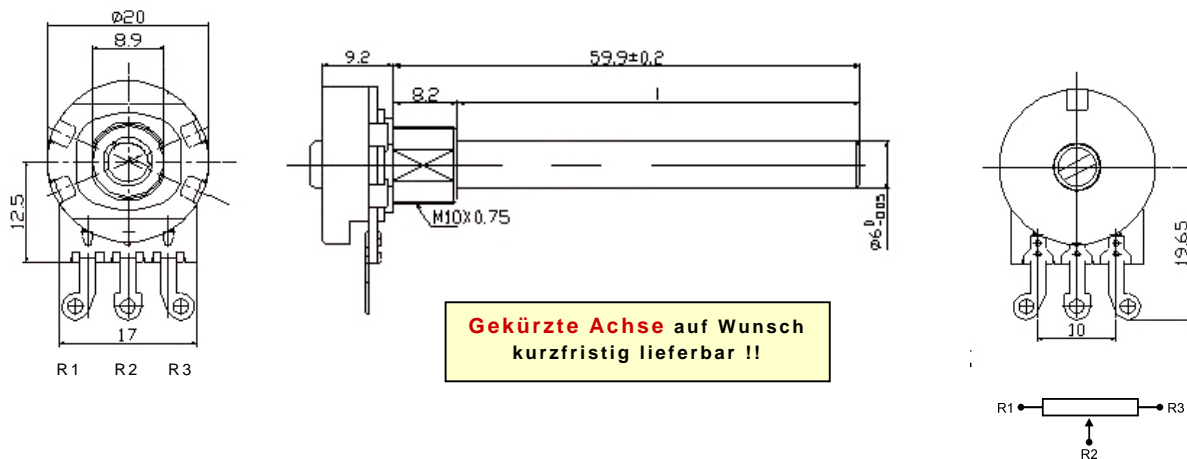
Rotary Potentiometer 20mm Singles
Carbon / Without Switch / Rotation Angle: 300°

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)



| 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 |

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

