

A.P MOTRONIX PVT. LTD.

3-18-3, Pragathi Nagar, Ramanthapur, Hyderabad - 500013, A.P, India.
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SINGLE TURN WIRE WOUND POTENTIOMETERS



Reliability at very low cost

Small size, good resistance and linearity tolerance coupled with very low cost makes these potentiometers extremely suitable for industrial applications.

Electrical Characteristics	
Electrical Element	Wire Wound
Standard Resistance Values (Ohms)	10, 20, 25, 50, 100, 200, 250, 500, 1000, 2000, 2500, 5000, 10000, 20000, 25000
Standard Resistance Tolerance	+/- 10%
Best Possible Resistance Tolerance	+/- 1%
Standard Linearity Tolerance	+/- 1%
End Resistance	0.01% of nominal or 0.2 Ohms which ever is greater
Noise (ENR)	100 Ohms (Max.)
Power Rating (+ 20 ⁰ celsius) Watt	1 Watt & 3 Watt
Electrical Travel	260 ⁰ +/- 10 ⁰
Effective Electrical Travel	270 ⁰ +/- 10 ⁰
Insulation Resistance	1000 MOhms @ 100VDC

Mechanical Characteristics	
Mechanical Angle	300 ⁰ +/- 10 ⁰
Torque Operating	7.0 to mN/M
Torque Ending	0.55Nm
Rotational Life (shaft revolutions)	50000
Operation Temperature	-35 ⁰ C to +85 ⁰ C
Housing	Thermoplastic
Bush & Nut	Brass with Nickel Plating
Shaft Optional	Thermoplastic for Better Insulation
Shaft Length Standard	19 mm
Shaft Length Optional	25 mm
Mounting Hardware	Panel Washer, Star Washer & Nut

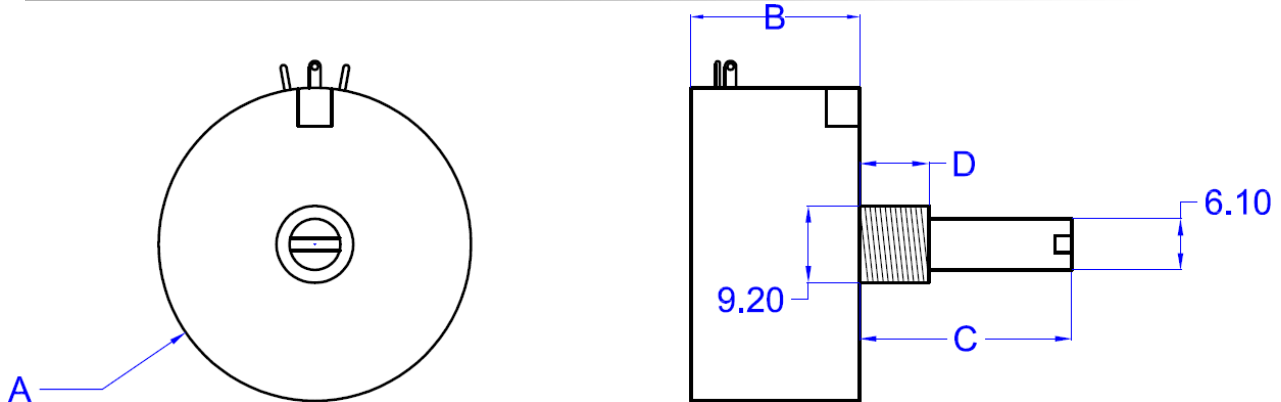
How to Order



Part Number Example: POT-3-01k-P2S-02B

POT	3	01k	P	2	S	02	B
↓	↓	↓	↓	↓	↓	↓	↓
Potentiometer	Wattage	Resistance	Shaft Type	Shaft Material & Length	Shaft Type	Resistance Tolerance	Mounting
	1 - 1 Watt 3 - 3 Watt	050 - 50 ohms 135 - 135 ohms 01k - 1000 ohms 02k - 2000 ohms 05k - 5000 ohms 10k - 10000 ohms	F - Flattened P - Plain S - Slotted	1 - 19 mm Plastic 2 - 25mm Metal 3 - 25mm Metal	C - Continuous/ Servo M - Multiturn S - Stops	02 - 2% 05 - 5% 10 - 10%	B - Bush S - Servo

Outline Dimensions (in mm)



Dimensions	1 Watt	3 Watt
A	22.9 mm	37.4 mm
B	17 mm	20.2 mm
C	19 mm or 25.4 mm	
D	8.3 mm	10 mm

The technical data have been established under laboratory conditions and are typical. Operating conditions are different in many applications. The user is therefore responsible for the product application and it is strongly recommended that he verifies the suitability. Technical Liabilities are only accepted with specific written confirmation.

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Price List



Wire Wound Potentiometers

Resistance Value	Wattage	Model	Tolerance			
			10 %	5 %	2 %	1 %
			Unit Price in Rs.			
10 Ω to 10K Ω	1 W	PW-1	22.00	33.00	44.00	66.00
11K Ω to 25K Ω	1 W	PW-1	44.00	66.00	88.00	132.00
26K Ω to 50K Ω	1 W	PW-1	88.00	132.00	176.00	264.00
10 Ω to 10K Ω	1 W	MW-1	27.00	40.50	54.00	81.00
11K Ω to 25K Ω	1 W	MW-1	50.00	75.00	100.00	150.00
26K Ω to 50K Ω	1 W	MW-1	100.00	150.00	200.00	300.00
10 Ω to 25K Ω	3 W	MW-3	37.00	55.50	84.00	120.00
26K Ω to 50K Ω	3 W	MW-3	60.00	90.00	120.00	180.00
51K Ω to 100K Ω	3 W	MW-3	120.00	180.00	240.00	360.00

PW with Plastic Shaft, Brass Bush & Nut

MW with Metal Shaft, Brass Bush & Nut

Terms & Conditions:-

Price quoted is Ex-Works in unpacked condition.

Taxes VAT @ 5% in Andhra Pradesh or 5% out of Andhra Pradesh against Form 'C'. (Only if received with Order) If we do not receive the C Form along with the Order, Sales Tax will be 14.5%)

Packing 2% Extra or at actual.

Octroi To your account.

Mode of Dispatch Through courier "TO PAY BASIS"

Payment 30% Advance by Demand Draft payable at Hyderabad along with Confirmed Order and 70% by C.O.D by Demand Draft payable at Hyderabad. All Bank charges to Buyer's Account.

Delivery Within 4/6 weeks after receipt of technically and commercially clear and firm Purchase Order with payment.

Validity 30 days from the receipt of this offer. It is subject to revision after that.