



Standard dimensions (with metric dimensions)



• With pin terminals for p.c. board



- Note: 1. 1pc. Each inner teeth washer and hex nut are attached.
 - 2. Please process the mounting hole on the panel to be mounted with this potentiometer by the diameter of 7.14mm



Model 12HHP-10 (Bushingmount)



Model 12HHPS-10 (Servomount)

•Servomount type

Note: Servomount type with pin terminals for p.c. board is also available.

Standard Model Nos.

Bushingmount type:

With lug terminals: 12HHP With pin terminals for pc board: 12HHP-10P Servomount type: 12HHPS-10



General Specifications

Standard Resistance Values: Max. Practical Resistance Value: Total Resistance Tolerance:	2k, 5k, 10k, 20k, 50k (Ω) 100k Ω Standard Class \pm 10%(K) Precision Class \pm 5%(1)	Insulation Resistance: Dielectric Strength: Starting Torque:	Over 1,000MΩ at 500V.D.C. 1 minute at 1,000 V.A.C. Within 3mN • m (30gf • cm) (Bushingmount type) Within 2mN • m (20gf • cm) (Servomount type)
Independent Linearity		Stopper Strength: Max.	Approx. 0.15N · m (15kgf · cm)
Tolerance:	Standard Class ±0.4%	Torque exerted on	
	Precision Class ±0.1%	fastening the mounting	
	(±0.2% in case of within 5kΩ)	nut to the bushing:	
Resolution:	Essentially infinite	Max. Working Voltage:	Within 0.8mN • m (80kgf • cm)
Output Smoothness:	Within 0.05% against input voltage	Resistance Temperature	450V
Contact Resistance		Coefficient:	
Variation:	Within 5% C.R.V.	Mass:	
Power Rating: Electrical	1.0 W		±100p.p.m./°C
Travel:	3,600° ±5°		Арргох. 109
Mechanical Travel:	3,600° +15°		
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Special Specifications Available

5-turn type (S12HHP-5), shaft with front and rear extension (rear shaft with 0.8mm dia. and 10mm length), special machining on the shaft, simple sealed housing (in case of servomount type, the housing length becomes longer by 1.5mm).

Features of Hybrid resistive element

The hybrid resistive element type potentiometer is the newest type potentiometer, in which the merits of a wirewound resistive element are combined with those of a film type resistive element.

- Main Features
- Good stability of resistance value
- Good resistance temperature coefficient
- Essentially infinity resolution
- Less resistance variation
- Long life expectancy 10,000,000 shaft revolutions

Construction



Page 2/2

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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