



Selection Guide of CP-20H



It can be selected various kind of types for suitable applications

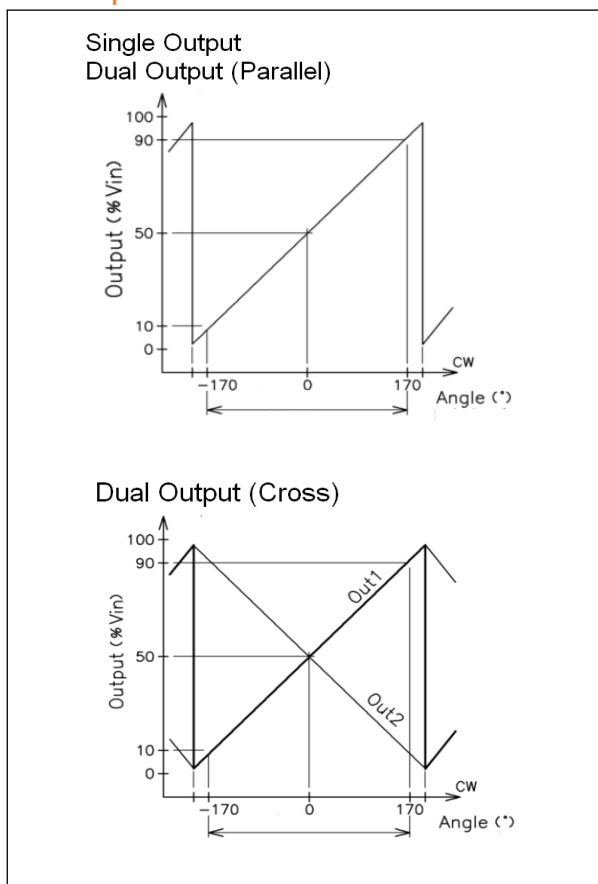
Subject		Specification	
Basic Characteristics	Dimension/Mass	$\Phi 22.3 \times 12.5\text{mm}$ / 20g approx.	
	Effective Elect. Travel*	340°	
	Absolute Linearity	$\pm 1\%FS$	
	Input Voltage	DC5V $\pm 0.5V$	
	Output type	Voltage Ratio	
Electrical	Output Range	Voltage Ratio 10~90%Vin	
	Resolution	12bit (0~100%Vin)	
	Current Consumption	16mA max. (1ch)	32mA max. (2ch)
	Temp. Characteristics -30~+100°C(25°C std.)	$\pm 1.7^\circ$	
Environmental	Life time	10 Million Revolution (Ball bearing type)	
	Category Temp. Range	-30~100°C	
	Vibration	200mm ² /s, 5~500Hz, 6min., 3axis 3 times (Room Temp.)	
	Shock	1000mm ² /s, 6ms, 3axis 3 times (Room Temp.)	
	EMS	100V/m, 200MHz~1 GHz(ISO 11452-2)	
	ESD	$\pm 8\text{kV}$ (IEC 61000-4-2)	
	IP Rating	Std. : IP50 / Water Drip proof type : IP65 (Shaft side only)	

* Other Electrical travel range is available on request.

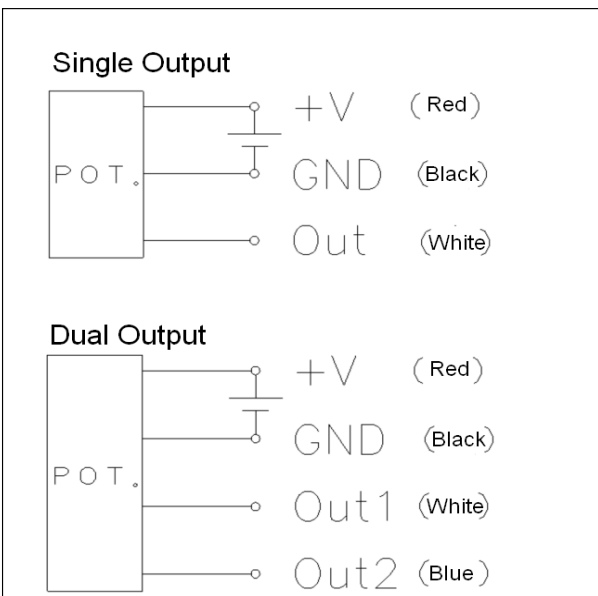
Model Number Designation

CP-20H	B	S	P	-	XX
Series No.	Bearing	Drip proof	Output		Custom
	None : Metal Sleeve B : Ball	None : w/o Shield S : Dust and Drip proof	None : Single C : Dual (Cross) P : Dual (Parallel)		

■ Output Characteristics



■ Schematic



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