

Selection Guide of CP-20H



It can be selected various kind of types for suitable applications

| Subject | | Specification | |
|-----------------------|--|---|-----------------|
| Basic Characteristics | Dimension/Mass | Φ22.3×12.5mm / 20g approx. | |
| | Effective Elect. Travel* | 340° | |
| | Absolute Linearity | ±1%FS | |
| | Input Voltage | DC5V ±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℃(25℃ std.) | ±1.7° | |
| Environmental | Life time | 10 Million Revolution (Ball bearing type) | |
| | Category Temp. Range | -30~100℃ | |
| | 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 | ±8kV (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) | | |

