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|--------------------|-----------------------|-------------------------------|
| 【Model No.】 | CP-2FB(b) | CP-2FB(m) |
| | Bearing: Ball Bearing | Bearing: Metal Sleeve Bearing |

【Electrical Specifications】

| | | |
|---------------------------------------|------------------|-------|
| Effective Electrical Travel | 340 +2、-3 | ° |
| Total Resistance | 0.5、1、2、5 | kΩ |
| Total Resistance Tolerance | ±20 | % |
| Independent Linearity | ±1 | % |
| Rated Dissipation | 0.5/50°C | W |
| Output Smoothness | MAX. 0.1 | % |
| Insulation Resistance | MIN. 100/DC1000V | MΩ |
| Dielectric Strength | AC1000/1Minute | V |
| Temperature Coefficient of Resistance | ±400 | ppm/K |

【Mechanical Specifications】

| | | | |
|-------------------------|-------------|--------|------|
| Total Mechanical Travel | 360 Endless | | ° |
| Running Torque | MAX. 0.5 | MAX. 2 | mN·m |
| Thrust Load Tolerance | 2 | | N |
| Radial Load Tolerance | 5 | | N |
| Mass | Approx. 20 | | g |

【Environmental Specifications】

| | | |
|----------------------------|--|-------|
| Life Cycles | 10 Million | Cycle |
| Category Temperature Range | -40~+100 | °C |
| Storage Temperature Range | -40~+100 | °C |
| Vibration | 150m/s ² 2000Hz 3axis 2hours each | |
| Shock | 500m/s ² 11ms 6directions 3times | |

■ Accessories

M9 nut
Inner tooth lock washer 1 piece each

■ Handling Instruction

- To avoid burnout of resistive element, do not supply more than 1mA current to terminal 2.
- Miswiring might cause burnout of resistive element.
- To reduce sliding noise, add load resistance should be more than 100times and less than 1000times of total resistance.
- Slight continuous vibration such as dither might cause short lifetime of the sensor.