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## Data sheet

| Shaft inner diameter Ø12mm  Max. response frequency 300kHz  Max. allowable revolution 5000rpm  Starting torque Max. 50gf.cm(max. 0.0049N.m)  Resolution 20P/R  Output phase A, B, Z  Control output Voltage  Power supply 12-24VDC = ±5%(ripple P-P: max. 5%)  Connection type Radial cable type |                              |
|--|------------------------------|
| Max. allowable revolution     5000rpm       Starting torque     Max. 50gf.cm(max. 0.0049N.m)       Resolution     20P/R       Output phase     A, B, Z       Control output     Voltage       Power supply     12-24VDC → ±5%(ripple P-P: max. 5%)   | Shaft inner diameter         |
| Starting torque Max. 50gf.cm(max. 0.0049N.m)  Resolution 20P/R  Output phase A, B, Z  Control output Voltage  Power supply 12-24VDC = ±5%(ripple P-P: max. 5%)   | Max. response frequency      |
| Resolution 20P/R  Output phase A, B, Z  Control output Voltage  Power supply 12-24VDC = ±5%(ripple P-P: max. 5%)   | Max. allowable revolution    |
| Output phase  A, B, Z  Control output  Voltage  Power supply  12-24VDC = ±5%(ripple P-P: max. 5%)  | Starting torque              |
| Control output  Voltage  Power supply  12-24VDC ±5%(ripple P-P: max. 5%)   | Resolution                   |
| Power supply 12-24VDC == ±5%(ripple P-P: max. 5%)  | Output phase                 |
|  | Control output               |
| Connection type Radial cable type  | Power supply                 |
|  | Connection type              |
| Protection structure IP50  | Protection structure         |
| Environment_Ambient<br>temperature -10 to 70°C, storage: -25 to 85°C   | _                            |
| Environment_Ambient humidity 35 to 85% RH, storage: 35 to 90% RH   | Environment_Ambient humidity |
| Accessories Bracket  | Accessories                  |
| Weight Approx. 120g  | Weight                       |

\*\*Make sure that max. response revolution should be lower than or equal to max. allowable revolution when selecting the resolution. [Max. response revolution (rpm) = Max. response frequency/Resolution × 60sec]

\*\*The weight includes packaging. The weight in parenthesis is for unit only.

\*\*Environment resistance is rated at no freezing or condensation.

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