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Data sheet

| Shaft outer diameter Ø8mm Max. response frequency 300kHz Max. allowable revolution 5000rpm Starting torque Max. 800gf.cm(max. 0.0784N.m) Resolution 512P/R Output phase A, B, Z Control output NPN open collector Power supply 12-24VDC = ±5%(ripple P-P: max. 5%) Connection type Radial connector type Protection structure IP64 (IEC standard) Environment_Ambient temperature -10 to 70°C, storage: -25 to 85°C | | |
|---|------------------------------|-------------------------------------|
| Max. allowable revolution 5000rpm Starting torque Max. 800gf.cm(max. 0.0784N.m) Resolution 512P/R Output phase A, B, Z Control output NPN open collector Power supply 12-24VDC ···· ±5%(ripple P-P: max. 5%) Connection type Radial connector type Protection structure IP64 (IEC standard) Environment_Ambient temperature -10 to 70°C, storage: -25 to 85°C | Shaft outer diameter | Ø8mm |
| Starting torque Max. 800gf.cm(max. 0.0784N.m) Resolution 512P/R Output phase A, B, Z Control output NPN open collector Power supply 12-24VDC === ±5%(ripple P-P: max. 5%) Connection type Radial connector type Protection structure IP64 (IEC standard) Environment_Ambient temperature -10 to 70°C, storage: -25 to 85°C | Max. response frequency | 300kHz |
| Resolution 512P/R Output phase A, B, Z Control output NPN open collector Power supply 12-24VDC === ±5%(ripple P-P: max. 5%) Connection type Radial connector type Protection structure IP64 (IEC standard) Environment_Ambient temperature -10 to 70°C, storage: -25 to 85°C | Max. allowable revolution | 5000rpm |
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| Control output NPN open collector Power supply 12-24VDC === ±5%(ripple P-P: max. 5%) Connection type Radial connector type Protection structure IP64 (IEC standard) Environment_Ambient temperature -10 to 70°C, storage: -25 to 85°C | Resolution | 512P/R |
| Power supply 12-24VDC ±5%(ripple P-P: max. 5%) Connection type Radial connector type Protection structure IP64 (IEC standard) Environment_Ambient temperature -10 to 70°C, storage: -25 to 85°C | Output phase | A, B, Z |
| Connection type Radial connector type Protection structure IP64 (IEC standard) Environment_Ambient temperature -10 to 70°C, storage: -25 to 85°C | Control output | NPN open collector |
| Protection structure IP64 (IEC standard) Environment_Ambient temperature -10 to 70°C, storage: -25 to 85°C | Power supply | 12-24VDC ±5%(ripple P-P: max. 5%) |
| Environment_Ambient -10 to 70°C, storage: -25 to 85°C | Connection type | Radial connector type |
| temperature -10 to 70°C, storage: -25 to 85°C | Protection structure | IP64 (IEC standard) |
| | _ | -10 to 70℃, storage: -25 to 85℃ |
| Environment_Ambient humidity 35 to 85% RH, storage: 35 to 90% RH | Environment_Ambient humidity | 35 to 85% RH, storage: 35 to 90% RH |
| Accessories Ø8mm coupling, Bracket | Accessories | Ø8mm coupling, Bracket |
| Weight Approx. 268g(Approx. 180g) | Weight | Approx. 268g(Approx. 180g) |

**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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