

# Data sheet

|                                 |                                                        |
|---------------------------------|--------------------------------------------------------|
| Shaft outer diameter            | Ø6mm                                                   |
| Max. response frequency         | 300kHz                                                 |
| Max. allowable revolution       | 5000rpm                                                |
| Starting torque                 | Max. 40gf.cm(max. 0.00392N.m)                          |
| Resolution                      | 2000P/R                                                |
| Output phase                    | A, B, Z                                                |
| Control output                  | Totem pole                                             |
| Power voltage                   | 12-24VDC ±5%(ripple P-P: max. 5%)                      |
| Connection type                 | Radial cable type                                      |
| Protection structure            | IP50                                                   |
| Environment_Ambient temperature | -10 to 70°C, storage: -25 to 85°C                      |
| Environment_Ambient humidity    | 35 to 85% RH, storage: 35 to 90% RH                    |
| Accessories                     | Ø6mm coupling standard, Ø8mm coupling(sold separately) |
| Weight                          | Approx. 120g                                           |

※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.