

# Data sheet

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Shaft outer diameter            | Ø8mm                                |
| Max. response frequency         | 300kHz                              |
| Max. allowable revolution       | 5000rpm                             |
| Starting torque                 | Max. 800gf.cm(max. 0.0784N.m)       |
| Resolution                      | 30P/R                               |
| Output phase                    | A, B, Z                             |
| Control output                  | NPN open collector                  |
| Power supply                    | 5VDC $\pm$ 5%(ripple P-P: max. 5%)  |
| Connection type                 | Axial connector type                |
| Protection structure            | IP64 (IEC standard)                 |
| 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                     | Ø8mm coupling, Bracket              |
| 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.