

# Data sheet

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Shaft outer diameter            | Ø6mm                                |
| Max. response frequency         | 300kHz                              |
| Max. allowable revolution       | 5000rpm                             |
| Starting torque                 | Max. 40gf.cm(max. 0.00392N.m)       |
| Resolution                      | 512P/R                              |
| Output phase                    | A, B, Z                             |
| Control output                  | NPN open collector                  |
| Power supply                    | 5VDC $\pm$ 5%(ripple P-P: max. 5%)  |
| Connection type                 | Radial connector 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, Bracket              |
| Weight                          | Approx. 315g(approx. 205g)          |

※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.