

# Data sheet

Shaft outer diameter	Ø8mm
Max. response frequency	300kHz
Max. allowable revolution	5000rpm
Starting torque	Max. 800gf.cm(max. 0.0784N.m)
Resolution	500P/R
Output phase	A, $\bar{A}$ , B, $\bar{B}$ , Z, $\bar{Z}$
Control output	Line Driver
Power supply	5VDC $\pm$ 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
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.