

# Data sheet

Shaft outer diameter	Ø10mm
Max. response frequency	300kHz
Max. allowable revolution	5000rpm
Starting torque	Max. 40gf.cm(max. 0.00392N.m)
Resolution	10P/R
Output phase	A, B, Z
Control output	NPN open collector
Power supply	5VDC $\pm$ 5%(ripple P-P: max. 5%)
Connection type	Axial cable 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	Ø10mm coupling, Bracket
Weight	Approx. 420g(Approx. 310g)

※The pulse is only for A, B phase. (line driver output is for  $\bar{A}$ ,  $\bar{B}$  phase)

※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.