

# Data sheet

Shaft outer diameter	Ø8mm
Max. response frequency	300kHz
Max. allowable revolution	5000rpm
Starting torque	Max. 70gf.cm(max. 0.00686N.m)
Resolution	1P/R
Output phase	A, B
Control output	NPN open collector
Power supply	12-24VDC $\pm$ 5%(ripple P-P: max. 5%)
Connection type	Axial cable type
Protection structure	IP50 (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. 363g(approx. 275g)

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

※In case of axial cable type, axial cable connector type, they are available to order the option protection structure IP64.

※The weight includes packaging. The weight in parenthesis is for unit only.

※Environment resistance is rated at no freezing or condensation.