

## Features

- Industry 50 mm Standard Size, Servo Flange
- Robust Mechanical and Electrical Construction
- Protection to IP65
- Up to 2500 PPR max.
- 200 kHz max. frequency



## Electrical Specifications

Available PPR:	1 to 128 - 25 - 50 - 100 - 200 - 250 - 360 - 400 - 500 - 512 - 720 900 - 1000 - 1024 - 1250 - 2000 - 2048 - 2500
Supply Voltage:	4.75VDC to 30VDC (5-30V Version) 4.75VDC to 5.5VDC (5V Version)
Current Consumption:	70 mA (max.) (open circuit)
Output Circuit:	Push Pull ( 5-30V Version ) TTL, RS422 compatible ( 5V Version )
Output Frequency:	200 kHz ( max )
Channels:	AB, ABN and inverted Signals
Protection:	Output short circuit protection. Reverse polarity protection ( except 5V version )
Output Current per Channel:	200 mA ( max )
Optoelectronic Life Time:	100.000 hour ( min. )

## Mechanical Specifications

Cover:	Aluminium
Body:	Aluminium
Shaft:	Stainless Steel
Shaft Diameter:	5...8mm ( other diameters on request )
Load:	90N radial ( max ), 60N axial ( max )
Starting Torque:	0.5 Ncm ( Typical )
Max Operating Speed:	10.000 rpm
Bearings Lifetime:	2x10 <sup>9</sup> rev. at 100% of full rated shaft load (minimum)
Weight:	approx 125gr

## Environmental Specifications

Operation Temperature:	-10 °C up to +90 °C
Storage Temperature:	-40 °C up to +100 °C
Protection:	IP65