

EINB24

Micro Blind Shaft Encoder

Features

- ϕ 24mm micro od, suitable for small space
- Fast response and high precision
- Max. 2500 pulses
- Suitable for small instrument applications



Specifications

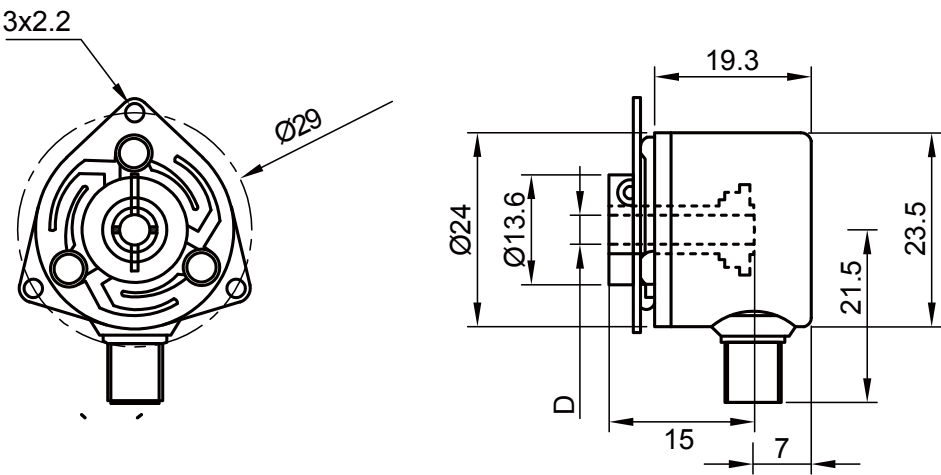
Electrical Specifications

Supply Voltage	10-30VDC
Current Consumption	60mA (P-P)
Output Circuit	PUSH-PULL output
Resolution	2500PPR (Max.)
Output Frequency	150kHz
Permissible Load/Channel	Max. 30mA
Rise Time	200ns
Electrical Protection	Short Circuit, reverse polarity and lightning Protection
Level signal	H: >70%VCC L: <1V

Mechanical Specifications

Maximum speed	6000rpm
Shaft load	Axial 20N Radial 20N
Starting Torque	<0.005Nm <0.005Nm
Shock Resistance	EN 60068-2-27 1000m/s² 6ms
Vibration Resistance	EN 60068-2-6 100m/s² 55....2000HZ
Operating Temperature	-25°C to +85°C
Protection Class	IP65
Material	Aluminum
Weight	50g

Dimension (Installation flanges, hole positions, etc. shall be subject to the order confirmation)



unit: mm

D=4,5,6,on request

Connection

Function	3A / 3R
GND	white
VCC	brown
A	green
B	yellow
Z	grey
$\bar{A}$	pink
$\bar{B}$	blue
$\bar{Z}$	red

Ordering Code

Example: EINB2404A593R-1024
24 micro blind shaft encoder 1024 pulse push-pull output with ABZ inverse signal, aperture 4mm, radial straight out cable

