

Intro. and Quick Selection

Incremental encoder

Absolute encoder

special position device

Accessories and Kits

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EINS24

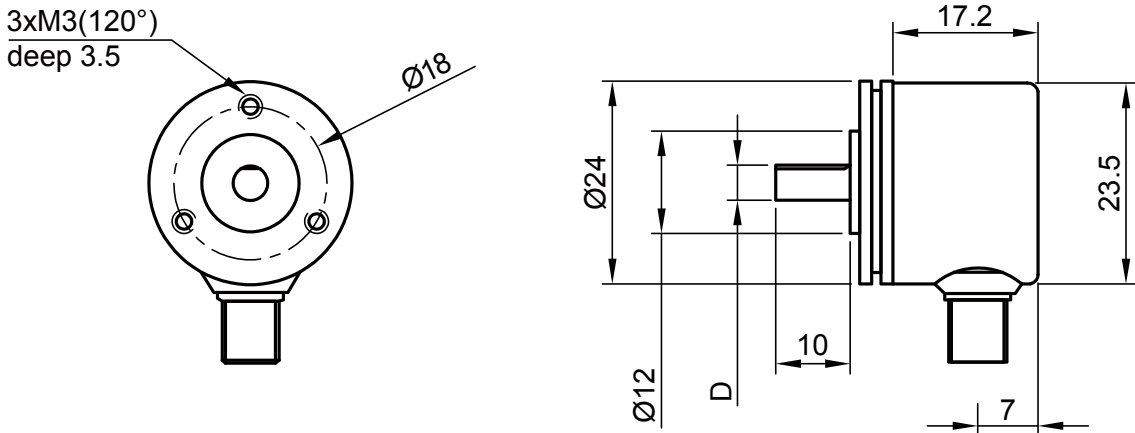
Micro Solid Shaft Encoder

Features

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



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



unit: mm

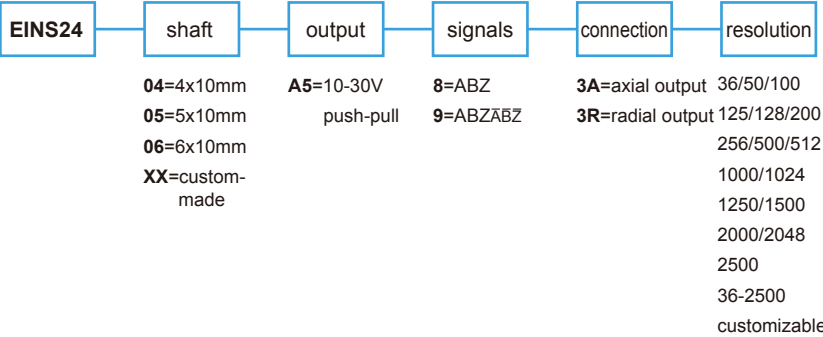
D=4,5,6,on request

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: EINS2404A593R-1024
24 micro solid shaft encoder 1024 pulse push-pull output with ABZ inverse signal, axle diameter 4mm, radial straight out cable



Specifications

Electrical Specifications		Mechanical Specifications	
Supply Voltage	10-30VDC	Maximum speed	6000rpm
Current Consumption	60mA (P-P)	Shaft load	Axial 20N Radial 20N
Output Circuit	PUSH-PULL output	Starting Torque	<0.005Nm
Resolution	2500PPR (Max.)	Shock Resistance	EN 60068-2-27 1000m/s ² 6ms
Output Frequency	150kHz	Vibration Resistance	EN 60068-2-6 100m/s ² 55....2000HZ
Permissible Load/Channel	Max. 30mA	Operating Temperature	-25°C to +85°C
Rise Time	200ns	Protection Class	IP65
Electrical Protection	Short Circuit, reverse polarity and lightning Protection	Material	Aluminum (shell) , stainless steel (shaft)
Level signal	H: >70%VCC L: <1V	Weight	50g