

Intro. and Quick Selection

Incremental encoder

Absolute encoder

special position device

Accessories and Kits

EINH58

Standard Hollow Shaft Encoder

Features

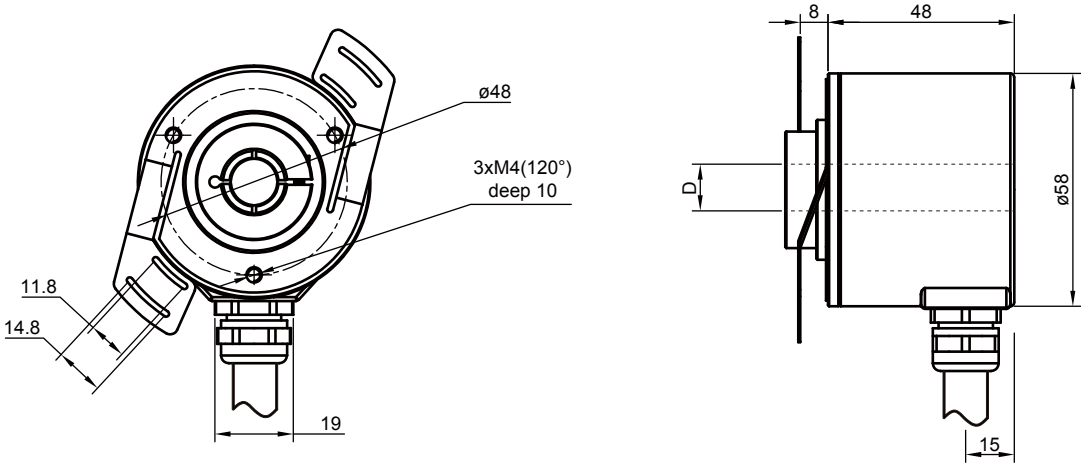
- High protection grade, up to IP67, suitable for various occasions
- Standard $\phi 58\text{mm}$ OD, easy to install and pair
- Max. 10000 pulses
- Suitable for applications such as industrial automation and drive control



Specifications

Electrical Specifications		Mechanical Specifications	
Supply Voltage	5VDC, 10-30VDC	maximum speed	12000rpm
Current Consumption	60mA (P-P) , 140mA (RS422)	Shaft load	Axial 50N Radial 100N
Output Circuit	PUSH-PULL output , RS422	Starting Torque	<0.05Nm
Resolution	10000PPR (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/IP67 (option)
Electrical Protection	Short Circuit, reverse polarity and lightning Protection	Material	Aluminum
Level signal	H: >70%VCC L: <1V	Weight	300g

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



unit: mm

D=6,8,10,12,14,on request

Connection

Function	3R	6R/8R
GND	white	1
VCC	brown	2
A	green	3
B	yellow	4
Z	grey	5
$\bar{A}$	pink	6
$\bar{B}$	blue	7
$\bar{Z}$	red	8

Ordering Code

Example: EINH5806A593R-1024
58 standard hollow shaft encoder 1024 pulse push-pull output with ABZ inverse signal, aperture 6mm, radial straight out cable

EINH58	shaft	output	signals	connection	resolution
	06=6mm 08=8mm 10=10mm 12=12mm 14=14mm 15=15mm XX=custom-made	A2=5V RS422 A5=10-30V push-pull	8=ABZ 9=ABZ $\bar{A}$ $\bar{B}$ Z	3R=radial output 6R=connector radial output (cw) 8R=connector radial output (ccw)	200/256/500/ 512/1000/1024/ 1250/1500/ 2000/2048/ 2500/3000/ 3600/4000/ 4096/5000/ 6000/7000/ 7500/8000/ 8192/9000/ 10000/ 50-10000 customizable

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