

Intro. and Quick Selection

Incremental encoder

Absolute encoder

special position device

Accessories and Kits

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EINH50

Universal Hollow Shaft Encoder

Features

- Responsiveness , Optional IP67
- Standard $\phi 50$ mm OD
- Max. 10000 pulses
- Suitable for flow monitoring, transmission control and other applications



Specifications

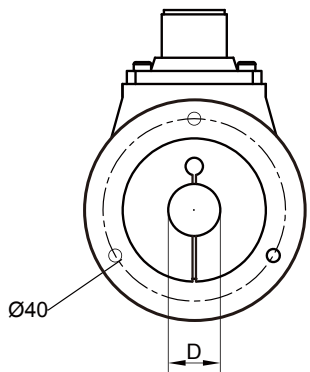
Electrical Specifications

Supply Voltage	5VDC, 10-30VDC
Current Consumption	60mA (P-P) , 140mA (RS422)
Output Circuit	PUSH-PULL output , RS422
Resolution	10000PPR (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

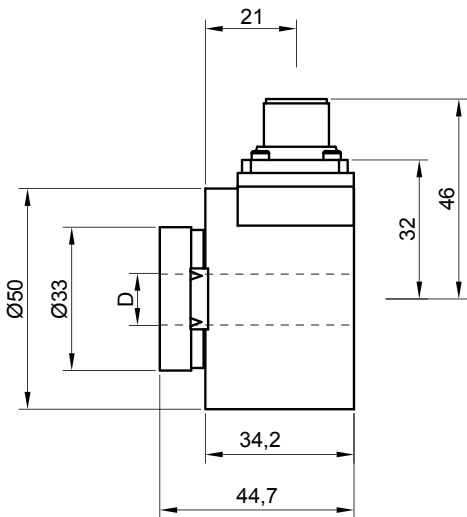
Mechanical Specifications

maximum speed	10000rpm
Shaft load	Axial 40N Radial 80N
Starting Torque	<0.03Nm
Shock Resistance	EN 60068-2-27 1000m/s ² 6ms
Vibration Resistance	EN 60068-2-6 100m/s ² 55....2000HZ
Operating Temperature	-25°C to +85°C
Protection Class	IP65/IP67 (option)
Material	Aluminum
Weight	190g

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



unit: mm



D=6,8,10,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: EINH5006A593R-1024
50 universal hollow shaft encoder 1024 pulse push-pull output with ABZ inverse signal, aperture 6mm, radial straight out cable

EINH50	shaft	output	signals	connection	resolution
	06=6mm 08=8mm 10=10mm XX=custom-made	A2=5V RS422 A5=10-30V push-pull	8=ABZ 9=ABZ $\bar{A}$ BZ	3R=radial output 6R=connector radial output (cw) 8R=connector radial output (ccw)	1024/1250 1500/2000 2048/2500 3000/3600 4000/4096 5000/6000 7000/7500 8000/8192 9000/10000 50-10000 customizable