

EINH90

Heavy-duty Hollow Shaft Encoder

Features

- Heavy-duty encoder
- High precision, short response time used
- Max. 6000 pulses
- Suitable for crane, excavator and other heavy machinery



Specifications

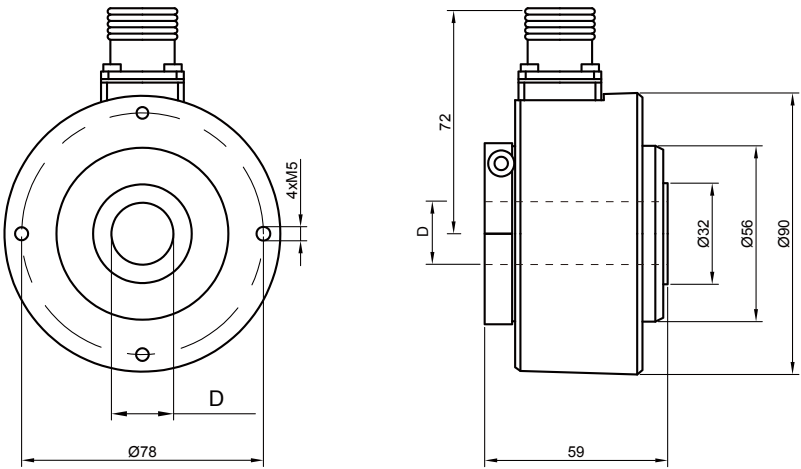
Electrical Specifications

Supply Voltage	5VDC,10-30VDC
Current Consumption	60mA (P-P) , 140mA (RS422)
Output Circuit	PUSH-PULL output , RS422
Resolution	6000PPR (Max.)
Output Frequency	100kHz
Permissible Load/Channel	Max. 30mA
Rise Time	200ns
Level signal	H:>70%VCC L:<1V
Electrical Protection	Short Circuit, reverse polarity and lightning Protection

Mechanical Specifications

maximum speed	5000rpm
Shaft load	Axial 100N Radial 200N
Starting Torque	<0.08Nm
Shock Resistance	EN 60068-2-27 1000m/s² 6ms
Vibration Resistance	EN 60068-2-6 100m/s² 55....2000HZ
Operating Temperature	-20°C to +85°C
Protection Class	IP65
Material	Aluminum
Weight	850g

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



unit: mm

D=20,25,30,32,on request

Connection

Function	3R	6R/8R
GND	white	1
VCC	brown	2
A	green	3
B	yellow	4
Z	grey	5
A̅	pink	6
B̅	blue	7
Z̅	red	8

Ordering Code

Example: EINH9020A593R-1024
90 heavy-duty hollow shaft encoder 1024 pulse push-pull output with ABZ inverse signal, aperture 20mm, radial straight out cable

