

Intro. and Quick Selection

Incremental encoder

Absolute encoder

special position device

Accessories and Kits

Intro. and Quick Selection

Incremental encoder

Absolute encoder

special position device

Accessories and Kits

EAXB58

Analog Blind Shaft Encoder

Features

- Standard $\phi 58\text{mm}$ OD, easy to install protection grade up to IP67
- high precision ,Standard MODBUS protocol 4-20mA output
- Address, baud rate, etc
- Suitable for field testing applications



MODBUS/485 4-20mA

Specifications

Electrical Specifications

Interface MODBUS and Analog

Supply Voltage 10-30VDC

Current Consumption 50mA

Output Code Binary

Resolution 21 bit single turn (Max.), 14 bit multiturn (Max.)

Output speed 4-20mA

Criterion GB/Z19582

linearity 1LSB

Mechanical Specifications

Maximum speed 12000rpm

Shaft load Axial 50N Radial 100N

Starting Torque <0.05Nm

Shock Resistance EN 60068-2-27 1000m/s² 6ms

Vibration Resistance EN 60068-2-6 100m/s² 55....2000HZ

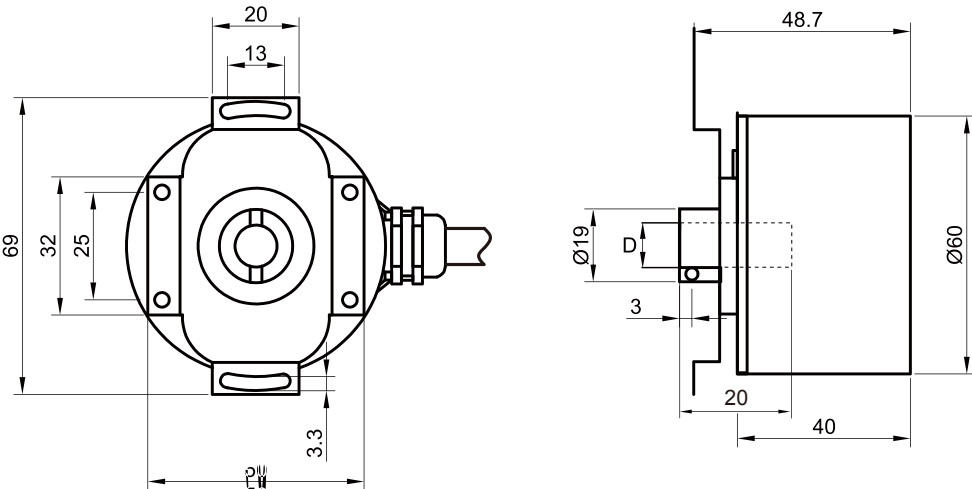
Operating Temperature -40°C to +80°C

Protection Class IP66

Material aluminium alloy

Weight 300g

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



unit: mm

D=6,10,on request

Connection

Modbus/AO	3A/3R	6A/6R/8A/8R
GND	brown	1
VCC	blue	2
MOD_A(pro.)	black	3
MOD_B(pro.)	white	4
ANA+	red	5
ANA-	yellow	6
RST	grey	7
pro.	green	8

Ordering Code

Example: EASB580012E06MA3R
58single turn 12 bit resolution MODBUS/analog blind shaft encoder, power voltage 10-30V DC, aperture 6mm ,radial straight out cable

EAXB58	resolution	power	shaft	output	connection
EASB=ST	1212=12 MT	E=10-30VDC	06=6mm	MA=analog&	3A=axial output
EAMB=MT	12 ST		10=10mm	MODBUS RTU	3R=radial output
	1214=12 MT		XX=custom-made		6A=connector radial output (cw)
	14 ST				6R=connector axial output (cw)
	1021=10 MT				8A=connector radial output (ccw)
	21 ST				8R=connector axial output (ccw)
	1220=12 MT				
	20 ST				
	1418=14 MT				
	18 ST				
	0012=12 ST				
	0021=21 ST				
	custom-made				