

Intro. and Quick Selection

Incremental encoder

Absolute encoder

special position device

Accessories and Kits

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EAXB58

CANopen Blind Shaft Encoder

Features

- Integrated bus interface, supporting all DeviceNet and CANopen
- Programmable working mode
- Up to 21 bitsingleturn,14bitmultiturn
- Suitable for automation integration and other applications



CANopen DeviceNet.

Specifications

Electrical Specifications

Interface CANopen/DeviceNet

Supply Voltage 10-30VDC

Current Consumption 180mA

Output Code Binary

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

Output speed 0.5MBit/s(DeviceNet) 1MBit/s(CANopen)

Criterion DSP406, Class 1 Class2

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

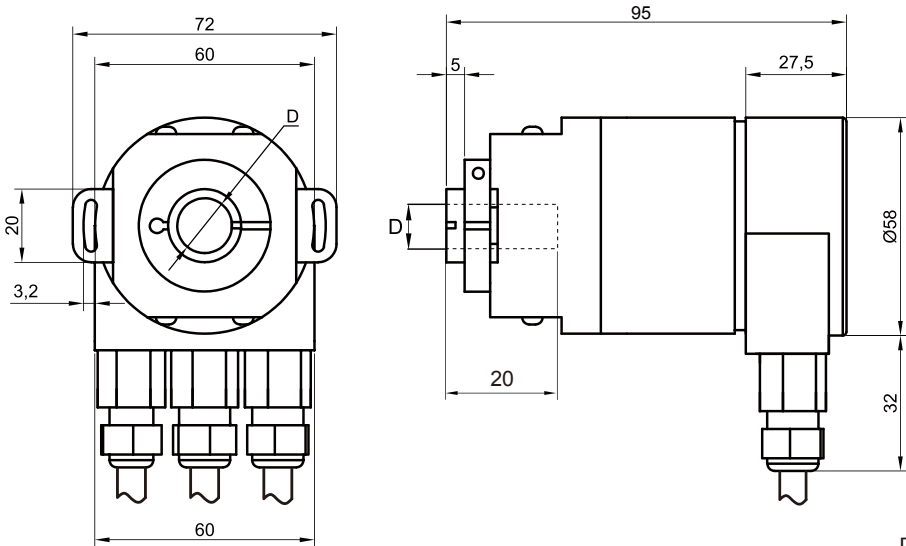
Operating Temperature -40°C to +80°C

Protection Class IP66

Material aluminium alloy

Weight 300g

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



unit: mm

Connection

CANopen DeviceNet	Z
VCC	1
GND	2
CAN_G	3
CAN_LOW	4
CAN_HIGH	5
CAN_G	6
CAN_LOW	7
CAN_HIGH	8

Ordering Code

Example: EASB580012E06COZ
58single turn 12 bit resolution CANopen blind shaft encoder, power voltage 10-30V DC, aperture 6mm ,terminal box

EAXB58	resolution	power	shaft	output	connection
EASB=ST	1212=12 MT	E=10-30VDC	06=6mm	CO=CANopen	Z=tenminal
EAMB=MT	12 ST		10=10mm	VD=DeviceNet	3xPG9
	1214=12 MT		XX=custom-made		
	14 ST				
	1021=10 MT				
	21 ST				
	1220=12 MT				
	20 ST				
	1418=14 MT				
	18 ST				
	0012=12 ST				
	0021=21 ST				
	custom-made				