

Intro. and Quick Selection

Incremental encoder

Absolute encoder

special position device

Accessories and Kits

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EAXS58

Analog Solid 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

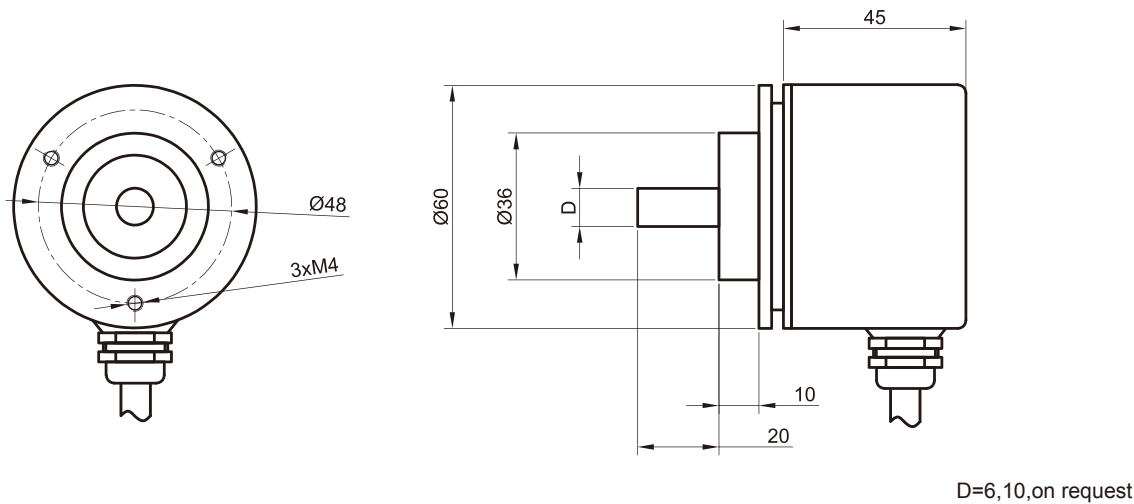
Operating Temperature -40°C to +80°C

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: EASS580012E06MA3R
58single turn 12 bit resolution MODBUS/analog solid shaft encoder, power voltage 10-30V DC, axle diameter 6mm, radial straight out cable

EASS58	resolution	power	shaft	output	connection
EASS=ST EAMS=MT	1212=12 MT 12 ST 1214=12 MT 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	E=10-30VDC	06=6x10mm 10=10x20mm XX=custom-made	MA=analog& MODBUS RTU	3A=axial output 3R=radial output 6A=connector radial output (cw) 6R=connector axial output (cw) 8A=connector radial output (ccw) 8R=connector axial output (ccw)