

AJS 400 Series

- Made in
Türkiye

Their analog output enables easy integration, while their maintenance-free design and high protection rating ensure reliable operation under harsh environmental conditions.

Range of Motion	±25° (both axes), ±1° tolerance
Operating Type	Spring Return
Initial Movement Force	3 N
Max. Operating Force (X, Y Axes)	8N
Service Life	>2 million
Weight	143 g
Material	Bellows: NBR
	Lever: Delrin® POM-C EN 10204
	Body: Delrin® POM-C EN 10204

ENVIRONMENTAL DATA

Protection Class	IP65
Operating Temperature	-30°C...+70°C
Storage Temperature	-40°C...+85°C

ELECTRICAL DATA

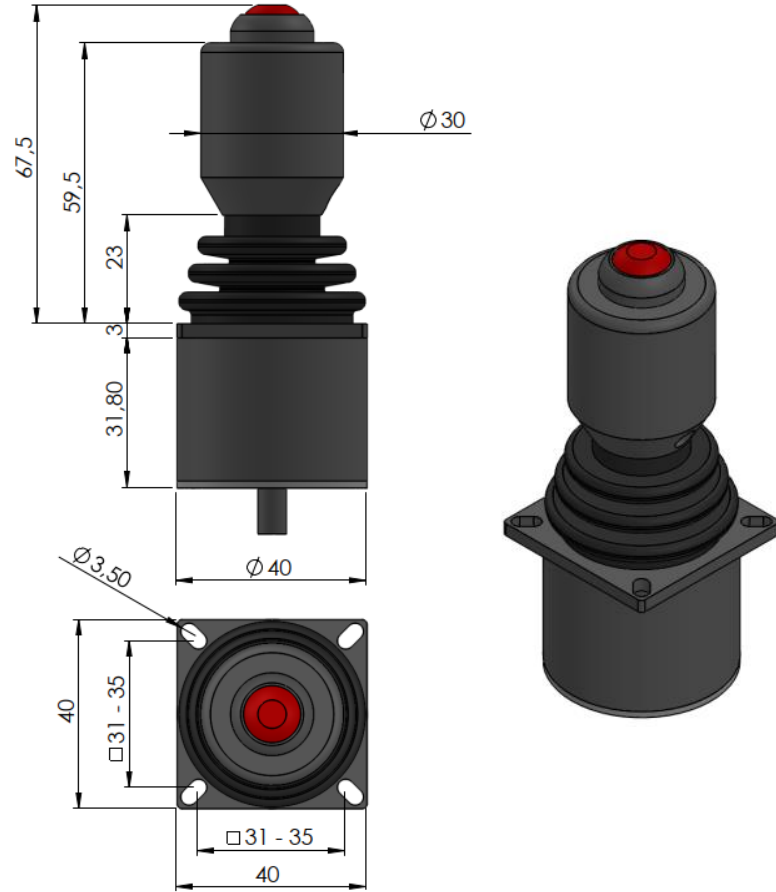
Analog Version

Sensor Type	Hall-Effect, 2 Axis
Supply Voltage	15...26 V _{DC}
Current Consumption	40 mA
Reverse Polarity Protection	Yes
Accuracy	±0,1°
Repeatability	±0,1°
Angular Resolution	14 Bit
Response Frequency	333 Hz
Electrical Connection	8x0.14 mm ² Shielded Cable
Output Load	For Current Output Model; Min. 250 Ω For Voltage Output Model; Min. 1 Ω

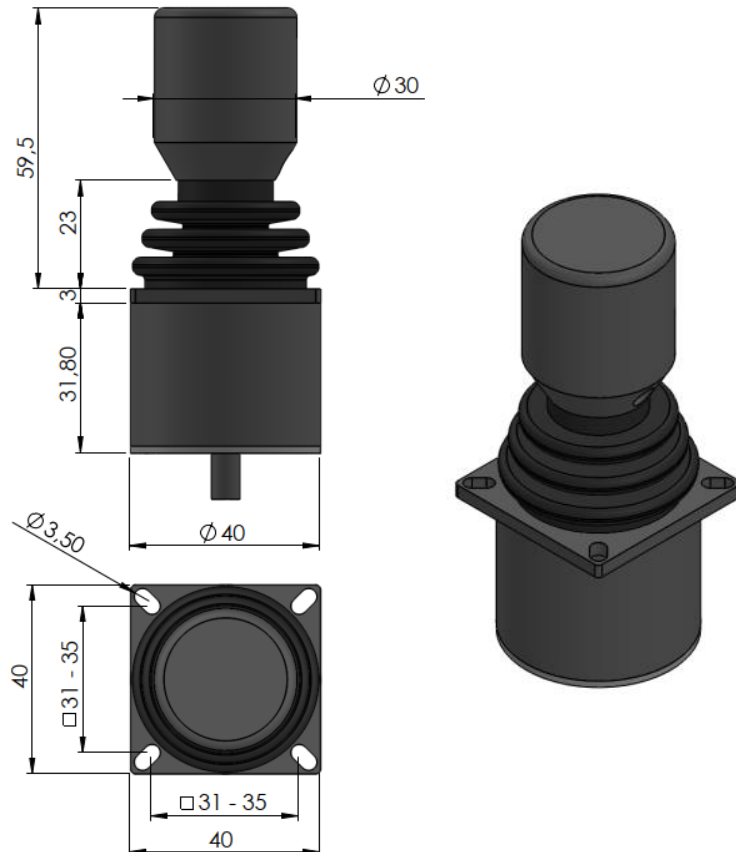
CANopen Version

Working Principle	Hall Effect
Supply Voltage	12 ... 30 VDC
Current Consumption	40 mA
Reverse Polarity Protection	Yes
Accuracy	±0,1°
Repeatability	0,1°
Angular Resolution	14 Bit
Response Frequency	333 Hz
Electrical Interface	CANopen
Electrical Connection	6 × 0.34 mm ² Twisted Shielded Cable
Communication Profile	CiA 301
Device Type	CANopen, CiA DS406
Identity (Node ID)	Adjustable from 1 to 127 via LSS or SDO
Baud Rate	10 kBit/s, 20 kBit/s, 50 kBit/s, 100 kBit/s, 125 kBit/s, 250 kBit/s, 500 kBit/s, 800 kBit/s, 1 Mbit/s
PDO Data Rate	100 ms
Error Control	Heartbeat, Emergency Message
PDO	3 Tx PDO
PDO Modes	Event/Time triggered, Synch/Asynch
SDO	1 server
Position Information	Object Dictionary: 0x6020
Termination Resistance	Optional

BUTTON MODEL



NON-BUTTON MODEL



ELECTRICAL CONNECTION

ANALOG OUTPUT

Signal	Cable
+V (15...26 V _{DC})	Red
GND (0V)	Black
Out (X)	Yellow
Out (Y)	Green
Button	White
Button comm	Blue

CANOPEN OUTPUT

Signal	Cable
+V (12...30 V _{DC})	Red
GND (0V)	Black
CAN_H	Yellow
CAN_L	Green
Button (Internal)	Pink

BUTON SEÇENEKLERİ VE TEKNİK ÖZELLİKLERİ

Push Button



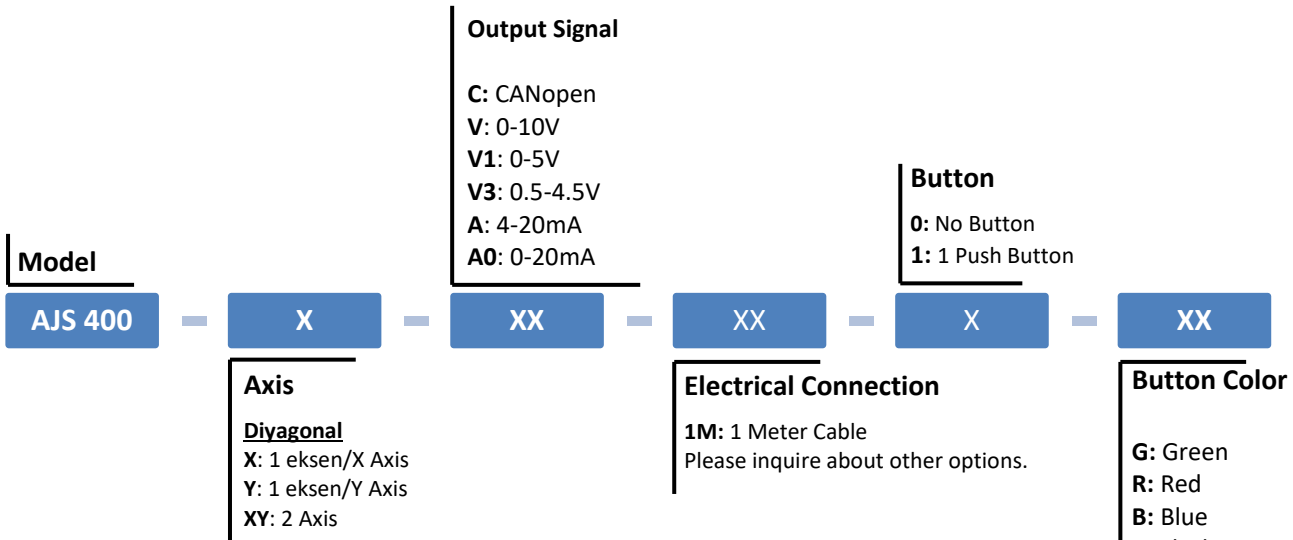
Mounting diameter	12mm
Terminal	2 pin
Current/voltage	1A / 250VAC

Push Button with LED



Mounting diameter	12mm
Terminal	2 pin
Current/voltage	3A / 220VAC
Protection class	IP65

ORDER CODING



Example Order Code: AJS 400 XY A 1M JA1 R

*If no button is selected, leave this coding field blank.
 *If an LED is required on the button, the "L" code must be added after selecting the button color.
 (SL, B, RL, etc.)