

Yaskawa JZDP-D006-220

## Serial Converter Module



**\$425.00**

**In Stock**

**Qty Available: 10+**

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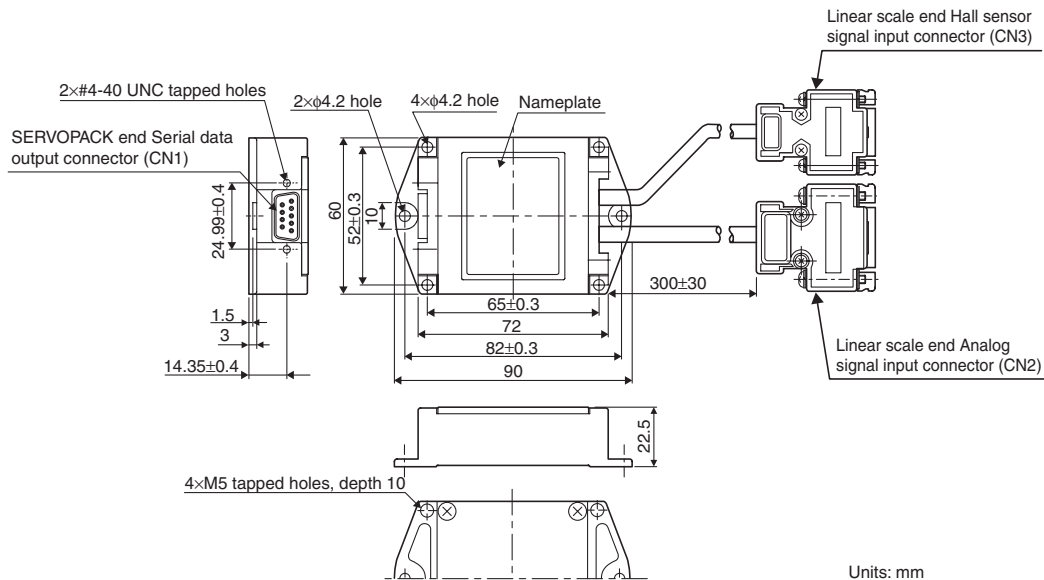
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# Serial Converter Unit

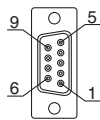
JZDP-A008-□□□

Items	Specifications
Electrical Characteristics	Power Supply Voltage
	+5.0V±5%, ripple content 5% max.
	Current Consumption <sup>*1</sup>
	120 mA Typ. 350 mA Max.
	Signal Resolution
	Input 2-phase sine wave: 1/256 pitch
	Max. Response Frequency
	250 kHz
	Analog Input Signals (cos, sin, Ref)
Mechanical Characteristics	Differential input amplitude: 0.4 V to 1.2V Input signal level: 1.5 V to 3.5V
	Pole Sensor Input Signal
	CMOS level
	Output Signals <sup>*3</sup>
	Position data, hall sensor information, and alarms
	Output Method
	Serial data transmission (HDLC (High-level Data Link Control) protocol format with Manchester codes)
	Transmission Cycle
	62.5 μs
Environmental Conditions	Output Circuit
	Balanced transceiver (SN75LBC176 or the equivalent) Internal terminal resistance: 120 Ω
	Approx. mass
	150 g
	Vibration Resistance
	98 m/s <sup>2</sup> max. (1 to 2500 Hz) in three directions
	Shock Resistance
	980 m/s <sup>2</sup> , (11 ms) two times in three directions
	Operating temperature
	0 °C to 55 °C (32 to 131 °F)
	Storage temperature
	-20 °C to +80 °C (-4 to +176 °F)
	Humidity
	20 % to 90 %RH (without condensation)



[CN1]

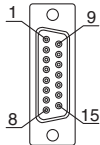
SERVOPACK end serial data output



Pin No.	Signal
1	+5V
2	S-phase output
3	Empty
4	Empty
5	0V
6	/S-phase output
7	Empty
8	Empty
9	Empty
Case	Shield

[CN2]

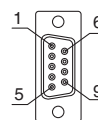
Linear scale end Analog signal input



Pin No.	Signal
1	/cos input (V1-)
2	/sin input (V2-)
3	Ref input (V0+)
4	+5V
5	5Vs
6	Empty
7	Empty
8	Empty
9	cos input (V1+)
10	sin input (V2+)
11	/Ref input (V0-)
12	0V
13	0Vs
14	Empty
15	Inner
Case	Shield

[CN3]

Linear scale end Hall sensor signal input



Pin No.	Signal
1	+5V
2	U-phase input
3	V-phase input
4	W-phase input
5	0V
6	Empty
7	Empty
8	Empty
9	Empty
Case	Shield

**Note:** 1. Do not use empty pins.

2. The linear scale (analog 1Vp-p output, D-sub 15-pin, male) by Renishaw Inc. can be directly connected. However, the BID and DIR signals are not connected.

3. Use the linear scale end connector to change the zero point specifications of the linear scale.

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