

## FXAOM01BD-1 AO module

ControlNet<sub>TM</sub> FLEX I/O<sub>TM</sub> 4 to 20 mA/0 to 20 mA outputs : 4 Duplicated correspondence Duplicated connector



	Outline	
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- \* Number of outputs: 4 (4 to 20 mA/0 to 20 mA)
- \* Load resistance : 0 to 750  $\Omega$
- \* Duplicated correspondence
- **★** FLEX I/O<sub>™</sub> / ControlNet<sub>™</sub> LAN compatible

ITEM	SPECIFICATION
Number of outputs	4
Isolation	Individual
Output range	4 to 20 mA
	0 to 20 mA
Resolution	12bit
Data format	2's complement
Data refresh cycle	12 ms
Relative accuracy	±0.1% FSD
Temperature drift	Less than ±100 ppm/°C
Load resistance	0 to 750 Ω
Self-diagnostic	Watchdog timer
functions	Power supply voltage low
	Connector omission for mutual monitoring cable.
	Bus time-out
	Read back abnormal
Indicator	LED × 1 3 modes
	Green (Control)
	Yellow (Standby)
	Red (Abnormal)
Compatible terminal	1794 - TB3/TB3S
bases	1794 - TBN/TBNF
Dielectric strength	AC 500 V
	Between output terminal and FG (1 min.)
	Between output channels (1 min.)
Environmental	(Operating)
conditions	Temperature: 0 to 55℃
	Humidity: 5 to 95% RH (No condensation)
	(Storage)
	Temperature: -40 to 85°C
	Humidity: 5 to 95% RH (No condensation)
Power supply	DC 24 V $\pm$ 10% / Less than 40 mA
	DC 5 V / Less than 80 mA (FLEX BUS)
Shock/Vibration	15 G / 2 G @ 10 to 500 Hz
Dimensions	75 mm (D) $\times$ 46 mm (H) $\times$ 94 mm (W)

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## FXAOM01BD-1 A0 module

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1794-TB3 / TB3S тв3 DC 24 V DC 5 V/80 mA DÇ Power ∕бс ↓ GNE supply DC 5 V I/O power supply monitor A00 D/A D bus Load FLEX BUS : AO3 D/A DF Load FLEX BUS Interface (µP) Μ A/D Ρ CHO Output Contro CH3 mutual monitoring signal Duplicate 1794-TBN / TBNF TBN DC 5 V/80 mA DC 24 V DC/ ∕бc Power ↓ GNE supply DC 5 V I/O power suppl monitor AO0 D/A D bus Load Ž J FLEX BUS AO3 D/A Ы Load FLEX BUS Interface (µP) М A/D Р CHC Output Control СНЗ Duplicated mutual monitoring signal A bus: Address bus A/D: Analog/Digital Converter D bus: Data bus D/A: Digital/Analog Converter DC/DC:DC/DC Converter μP Micro processor MPX: Multiplexer

## FXAOM01BD-1 block diagram

When using, please read the instruction manual attached to the product carefully and use it properly.

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