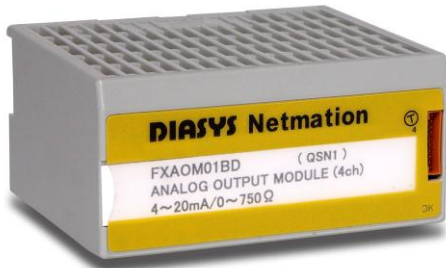


# FXAOM01BD AO module

ControlNet™ FLEX I/O™ 4~20mA/0~20mA outputs : 4

\*ControlNet™ is ControlNet International's registered trademark.  
\*FLEX I/O™ is Rockwell Automation's registered trademark.



## ■ Outline

- \* Number of outputs: 4 (4~20mA/0~20mA)
- \* Load resistance : 0~750Ω
- \* Duplicated correspondence
- \* FLEX I/O™ / ControlNet™ LAN compatible

ITEM	SPECIFICATION
Number of outputs	4
Isolation	Individual
Output range	4~20mA 0~20mA
Resolution	12bit
Data format	2' s complement
Data refresh cycle	12ms
Relative accuracy	± 0.1%FSD
Temperature drift	Less than ± 100ppm / °C
Load resistance	0~750Ω
Self-diagnostic functions	Watchdog timer 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 bases	1794 - TB3/TB3S 1794 - TBN/TBNF
Dielectric strength	AC500V Between output terminal and FG (1min.) Between output channels (1min.)
Environmental conditions	(Operating) Temperature: 0 ~ 55 °C Humidity: 35 ~ 95 % RH (No condensation)  (Storage) Temperature: -10 ~ 70 °C Humidity: Less than 80 % RH (No condensation)
Power supply	DC 24V±10% / Less than 40mA DC 5V / Less than 80mA (FLEX BUS)
Shock/Vibration	15G / 2G @ 10~500Hz
Dimensions	75mmD×46mmH×94mmW

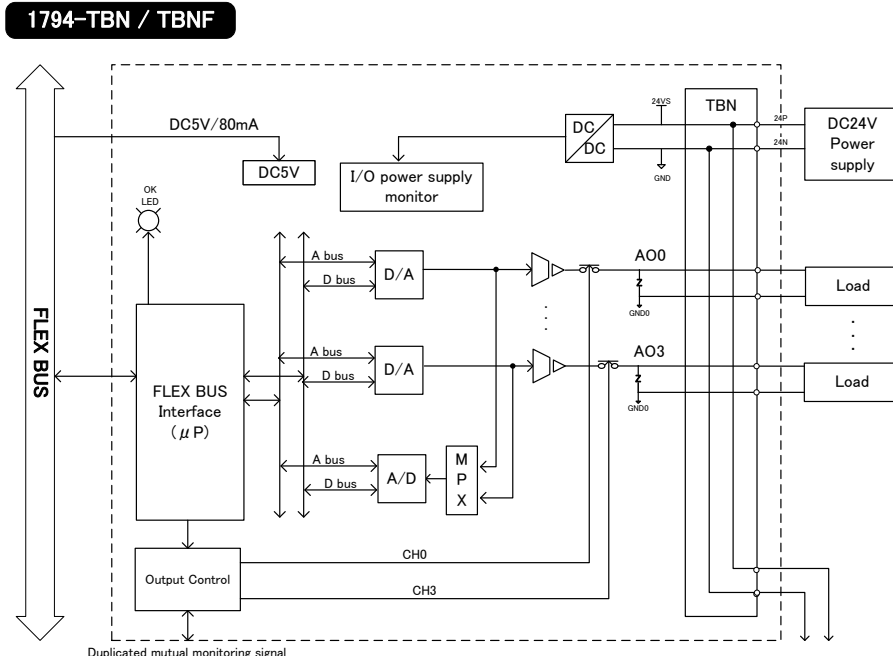
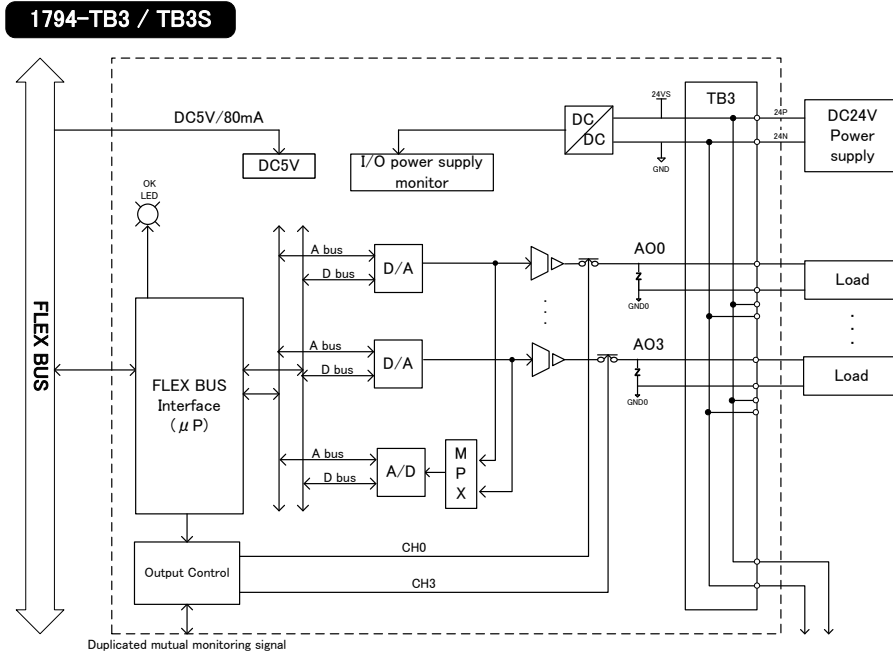
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## FXAOM01BD block diagram



A bus: Address bus  
D bus: Data bus  
μP : Micro processor  
MPX: Multiplexer  
A/D: Analog/Digital Converter  
D/A: Digital/Analog Converter  
DC/DC: DC/DC Converter

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