

FXOPC01 OPC module

ControlNet™ FLEX I/O™ Over Speed Protection control (OPC) function

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



ITEM	SPECIFICATION
Analog inputs	4 to 20 mA DC 24 V distributor × 1 ch 4 to 20 mA × 2 ch
Turbine speed inputs	1 to 12000 rpm × 2 ch
Digital input	DC 24 V / 5 mA × 1 ch
Digital outputs	Open collector output DC 30 V / 100 mA × 4 ch
Auxiliary analog outputs (Without isolation)	1 to 5 V DC output × 4 ch
Auxiliary digital outputs	Open collector output (DC 30 V / 100 mA) × 8 ch
Serial interface (For maintenance)	EIA/RS232C(PS/2) × 1 ch
Self-diagnostic functions	Application abnormal Watchdog timer Clock monitor Connector omission Power supply voltage low Bus time-out
Indicator	LED × 1 2 Modes Green (Normal) Red (Abnormal)
Compatible terminal bases	1794-TB3/TB3S 1794-TBN/TBNF
Dielectric strength	AC 500 V Between analog I/O terminal and FG AC 1500 V Between digital I/O terminal and FG
Environmental conditions	(Operating) Temperature: 0 to 55°C Humidity: 0 to 95% RH (No condensation) (Storage) Temperature: -25 to 85°C Humidity: 0 to 95% RH (No condensation)
Power supply	DC 24 V ±10% / Less than 300 mA DC 5 V / Less than 80 mA (FLEX BUS)
Shock/Vibration	15 G / 2 G @ 10 to 500 Hz
Dimensions	110 mm (D) × 46 mm (H) × 92 mm (W)

■ Outline

* Turbine over speed protection control

Inputs :

4 to 20 mA input	× 3
1 to 12000 rpm Turbine speed input	× 2
Digital input	× 1

Outputs :

Photo coupler	× 4
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* Auxiliary interface(Without isolation)

Outputs :

1 to 5 V DC output	× 4
Digital output	× 8

* FLEX I/O™ / ControlNet™ LAN compatible

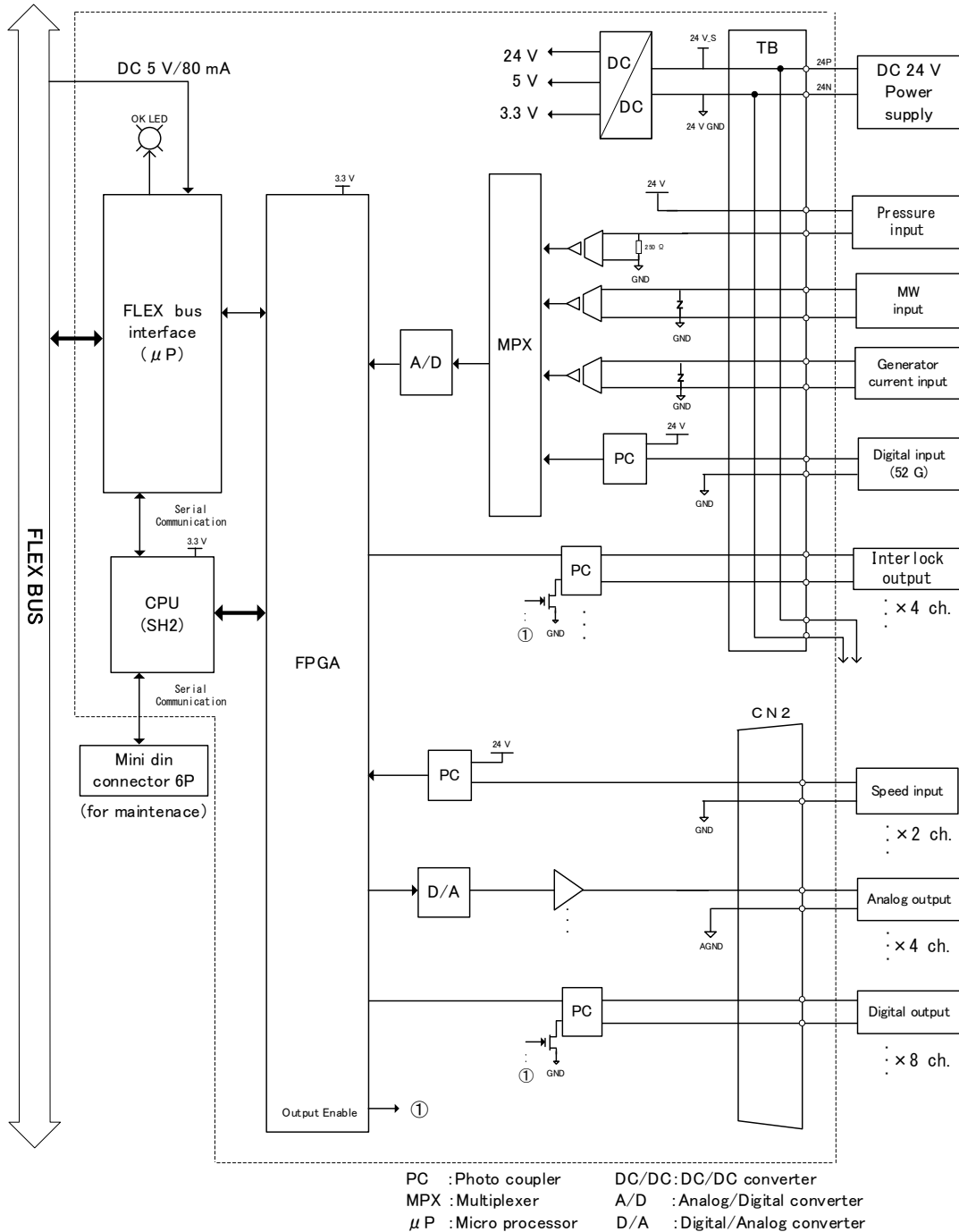
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FXOPC01 block diagram



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

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