**Outline**

- Combustion pressure fluctuation input
- Combustion vibration input
- FFT analysis

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**ITEM** | **SPECIFICATION**
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Analog inputs | ±10V × 4
Input impedance | More than 10kΩ
Auxiliary inputs (without isolation) | Digital input × 2
 | Pulse input × 2
Auxiliary outputs (without isolation) | 1~5VAC × 4
 | Digital output × 7
Filter | Low path filter 1
 | Cut-off frequency: 15kHz
 | Low path filter 2
 | Cut-off frequency: 1.5kHz
Serial interface (for maintenance) | EIA/RS-232C (PS/2) × 1
Self-diagnostic functions | Application abnormal
 | Watchdog timer
 | Clock monitor
 | Connector omission
 | Power supply voltage low
 | Bus time-out
Indicator | LED×1 3 Modes
 | Green (Control)
 | Yellow (Standby)
 | Red (Abnormal)
 | LED×16
 | Yellow (General purpose)
Compatible terminal bases | 1794-TB3/TB3S
 | 1794-TBN/TBNF
Dielectric strength | AC500V Between analog I/O terminal and FG (1min.)
 | AC1500V Between digital I/O Terminal and FG (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 400mA
 | DC 5V / Less than 80mA (FLEX BUS)
Shock/Vibration | 15G / 2G @ 10~500Hz
Dimensions | 110mmD × 46mmH × 92mmW
FXVIM01 Vibration interface module
ControlNet™ FLEX I/O™ Combustion pressure fluctuation, Combustion vibration input, FFT analysis

FXVIM01 block diagram

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