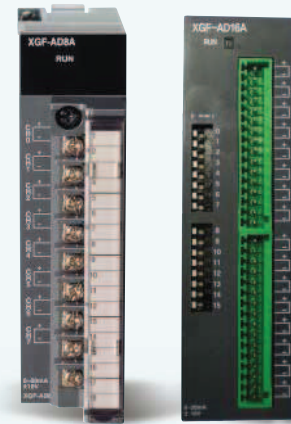


Special module / Analog input module

Features

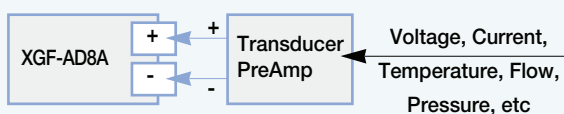
- Fast conversion processing
- High resolution
- Setting and monitoring the special module parameter through XG5000
- Supporting 4 types of digital output data format



Specifications

Item	XGF-AD16A				XGF-AD8A		
No. of input channel	16 channels				8 channels		
Analog input	Voltage input						
	DC 1~5V, DC 0~5V, DC 0~10V, DC -10~10V (Input resistance: 1MΩ)						
	Current input						
	DC 4~20mA, DC 0~20mA (Input resistance: 250Ω)						
Input selection	Dip switch						
Range selection	Selection of input range in the program or S/W package (Available to set per each channel)						
Digital output	Voltage input				Current input		
	Input type	DC 1~5V	DC 0~5V	DC 0~10V	DC -10~10V	DC 4~20mA	DC 0~20mA
	Unsigned value	0~16,000					
	Signed value	-8,000~8,000					
	Precise value	0~10,000					
	Percentile value	1,000~5,000	0~5,000	0~10,000	-10,000~10,000	4,000~20,000	0~20,000
	Resolution(1/16000)	0.2500mV	0.3215mV	0.6250mV	1.250mV	1.00μA	1.25μA
	Range selection	Selection of input type by program or parameter (Available to be set per each channel)					
Resolution	±0.2% or less (Ambient temperature 25°C), ±0.3% or less (Range of operation temperature)						
Max. absolute input	±15V				±30mA		
Conversion speed	500μs/channels				250μs/channels		
Insulation method	Photo-coupler insulation between terminal and power supply						
Terminal	32 points				18 points		
No. of occupied I/O points (XGK)	Fixed type (Setting in basic parameter): 64 points				Variable type (Dissolving in basic parameter): 16 points		
Current consumption	DC 5V : 420mA						
Wight	140g						

Configuration



A/D conversion characteristics

