

## XC-E2AD2PT2DA



### Product description

2 channels 16-bit analog input (current 0~20mA/4~20mA; voltage 0~5V/0~10V), PID function  
 2 channels PT100 temperature signal input, temperature precision 0.01°C, PID function  
 2 channels 10-bit voltage output  
 DC-DC power insulation, enhanced noise immunity ability.  
 Each channel has one group of PID parameters, PID function.  
 FROM and TO instruction for reading and writing the data

### General specifications:

Item	Analog input (AD)	Temperature input (PT)	Voltage output (DA)
Analog input	Current 0~20mA, 4~20mA	PT100	-
	Voltage 0~5V, 0~10V		
Temperature range	-	-100~327°C	-
Safety range of max input	DC0~40mA	-	-
Analog output range	-	-	Voltage 0~10V, 0~5V
			Current 0~20mA, 4~20mA
Digital input range	-	-	10-bit binary (0~1023)
Digital output range	16-bit binary (0~65535)	-10000~32767	-
Resolution	1/65535 (16Bit)	0.01°C	1/1023(10Bit)
PID output	0~K4095		-
Integrated precision	0.8%	±0.01°C	0.8%
Transformation speed	20ms/1 channel		3ms/1 channel
Power for analog	DC24V±10%, 100mA		
Mounting method	Fixed with M3 strews or directly installed in DIN46277(35mm width) guide rail		

### Dimension (unit: mm)

