

Expansions Modules HV-E3AI4PT1002AO

3 channels of 14 bits precision current input, 4 channels of PT100 temperature input and 2 channels 10 bits precision voltage output.

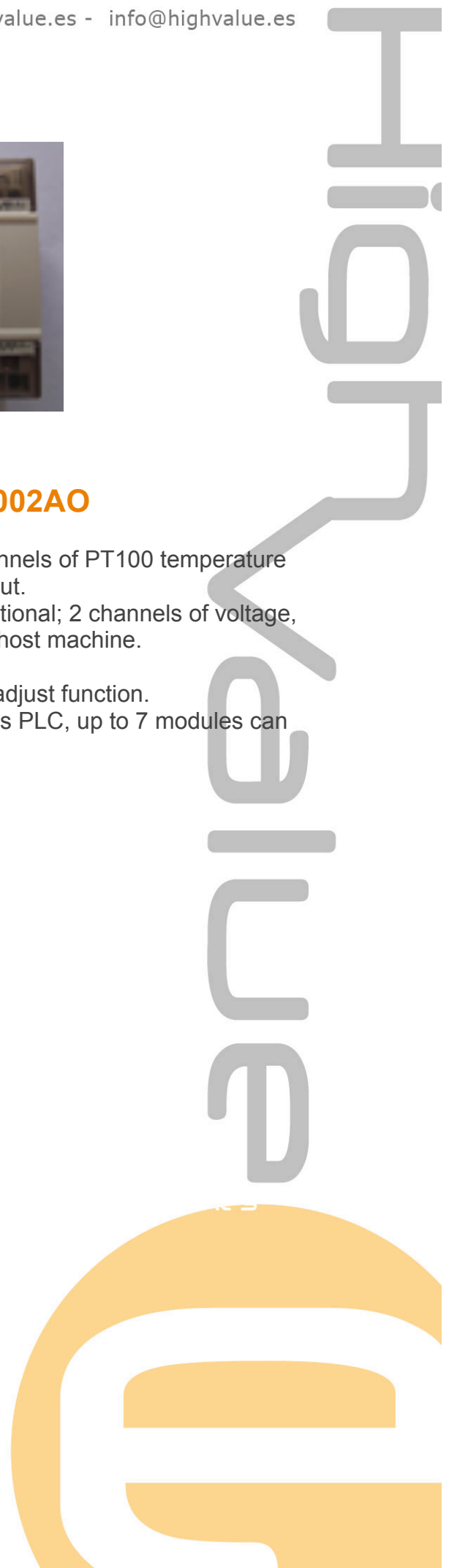
3 channels of current, 0~20mA and 4~20mA are optional; 2 channels of voltage, 0~5V and 0~10V are optional. They can be set by host machine.

Platinum resistance input, PT100.

3 channels A/D and 4 channels PT input with PID adjust function.

Can be set as special function module for HV series PLC, up to 7 modules can be connected.

PRODUCTS STANDARS



1. General Specifications.

Item	Analog current input (AD)	Temperature input (PT)	Analog voltage output (DA)
Analog input	DC0~20mA, 4~20mA	PT100	-
Range of temperature detect	-	-100~350℃	-
Max output range	DC0~40mA	-	-
Range of analog output	-	-	DC0~5V, 0~10V (External load resistance 2KΩ~1MΩ)
Range of digital input	-	-	10 bits (0~1023)
Range of digital output	14 bits (0~16383)	-1000~3500	-
Resolution	1/16383(14Bit); Converted data are stored in PLC(14Bit) in hex form	0.1℃	1/1023(10Bit); Converted data are stored in PLC in hex form (10Bit)
PID output value	0~K4095		-
Integrated accuracy	0.8%	±0.5℃	0.8%
Convert speed	20ms/1 channel		3ms/1 channel
Power for analog	DC24V±10%, 100mA		
Installation	Fixed with M3 stews or directly installed in DIN46277(35mm width) guide rail		
External dimension	63mm×102mm×73.3mm		