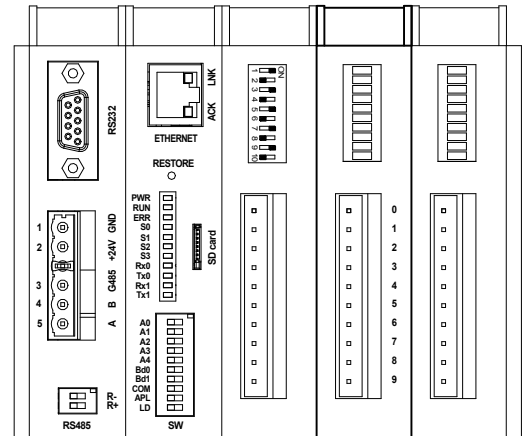


# AD-GAO4I

4 Analogue Outputs  $\pm 20$  mA

- 4 galvanically separated analogue outputs  $\pm 20$  mA
- Common analogue ground
- Power supply from internal source
- Signal status indication by LEDs
- Self-stacking connection to the AD-CPU unit, DIN rail mounting



## TECHNICAL DATA

<b>Outputs</b>	
Number	4
Output current	$\pm 20$ mA
Max. output voltage	$\pm 10$ V
Max. resistive load	500 $\Omega$
A/D converter resolution	12 bits
Accuracy setting	$\pm 1$ LSB
Absolute setting error	< 1 %
Thermal dependence	Typically $\pm 35$ ppm/ $^{\circ}$ C
Value transmission on output	Max. 50 ms *)
Service time between writing on channels	Max. 50 ms *)
Common lead	Analogue ground
Galvanic separation	Yes **)
Short circuit protection	Electronic
<b>Power supply</b>	
Max. internal source consumption (5 V DC)	80 mA
Max. internal source consumption (24 V DC)	150 mA
<b>Others</b>	
Max. number of modules	16
Module position in system	No limitation
Input signal connection	Connector WAGO 231-310/102-000, code protection against mistaking
Mounting	35 mm DIN rail
Operating temperature	0 $^{\circ}$ C to 70 $^{\circ}$ C
Max. ambient humidity	< 95 % non-condensing
Weight	200 g
Dimensions (w $\times$ h $\times$ d)	(25 $\times$ 104 $\times$ 96) mm

\*) Valid for programming in DetStudio

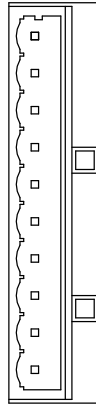
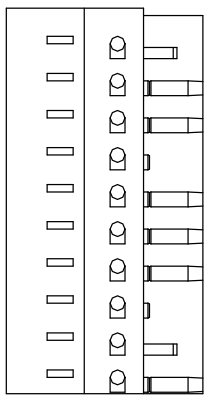
\*\*\*) Insulation strength 500 V AC / 1 minute, galvanic insulation may not be used for safe and unsafe parts separation

## ORDERING INFORMATION

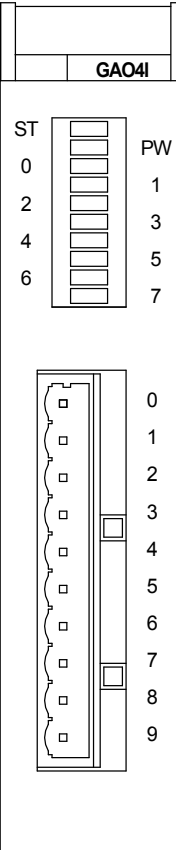
<b>AD-GAO4I</b>	4 current analogue outputs $\pm 20$ mA module, Connector WAGO 231-310/102-000
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## CONNECTOR CODE PROTECTION

## MODULE DESCRIPTION AND SIGNAL ASSIGNMENT



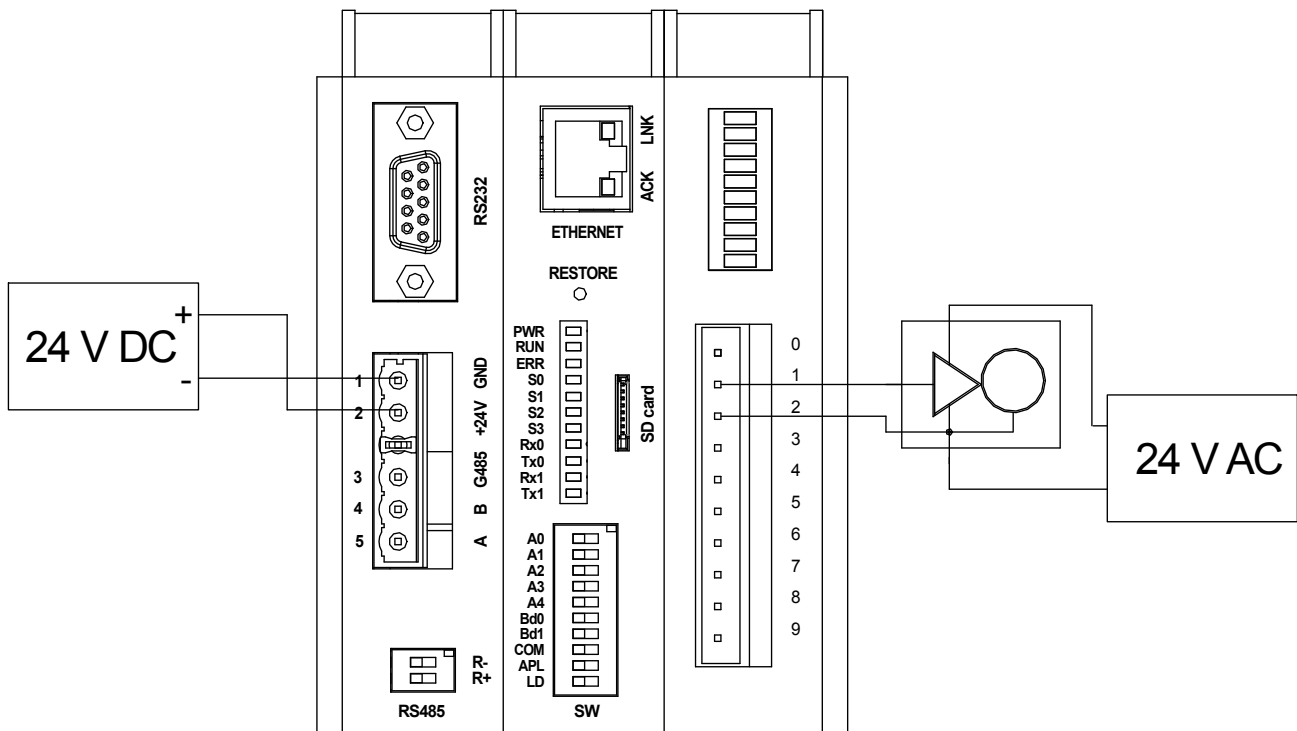
Strobe  
Not used  
Not used  
Not used  
Not used



PW  
Power supply  
Not used  
Not used  
Not used  
Not used

0 **AG** Analogue ground  
1 **I0** Output 0  
2 **AG** Analogue ground  
3 **I1** Output 1  
4 **AG** Analogue ground  
5 **I2** Output 2  
6 **AG** Analogue ground  
7 **I3** Output 3  
8 **AG** Analogue ground  
9 **AG** Analogue ground

## MODULE WIRING EXAMPLE



Further information can be found in operational manual ([adis\\_g\\_en\\_xxx.pdf](#)). Documentation can be downloaded from [www.amit.cz](http://www.amit.cz) web site.