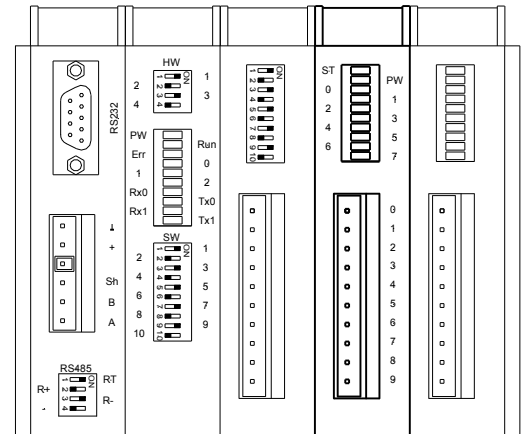


# AD-GAO4U

4 Analogue Outputs  $\pm 10$  V

- 4 galvanically separated analogue outputs  $\pm 10$  V
- 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

Number of outputs	4
Output voltage	$\pm 10$ V
Max. output current	$\pm 15$ mA
Min. resistive load	700 $\Omega$
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
Module position in system	No limitation
Max. number of modules	16
<b>Power supply</b>	
Max. internal source consumption (5 V DC)	70 mA
Max. internal source consumption (24 V DC)	100 mA
<b>Others</b>	
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

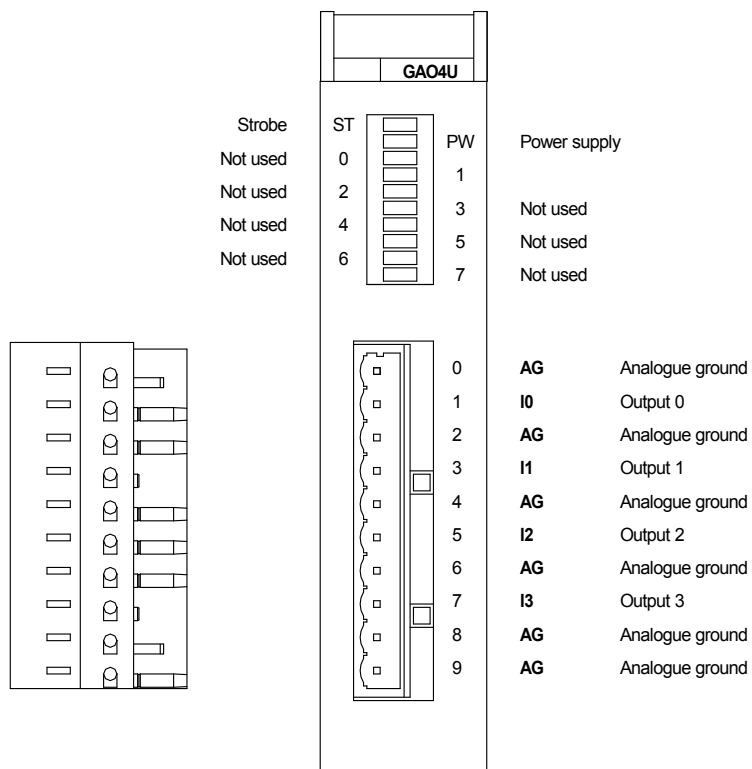
\*) Valid for programming in DetStudio.

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

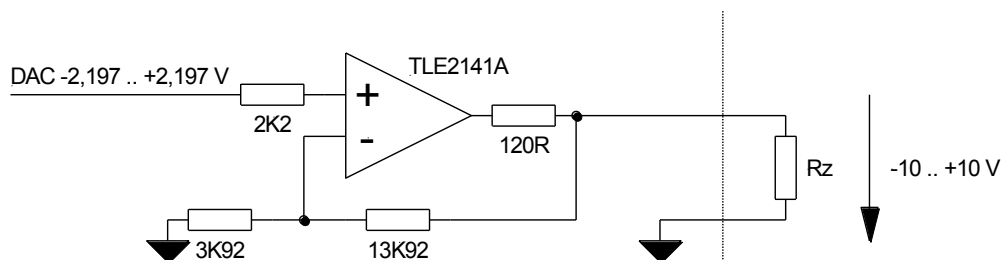
## ORDERING INFORMATION

<b>AD-GAO4U</b>	4 voltage analogue outputs $\pm 10$ V module, WAGO231-310/102-000 connector
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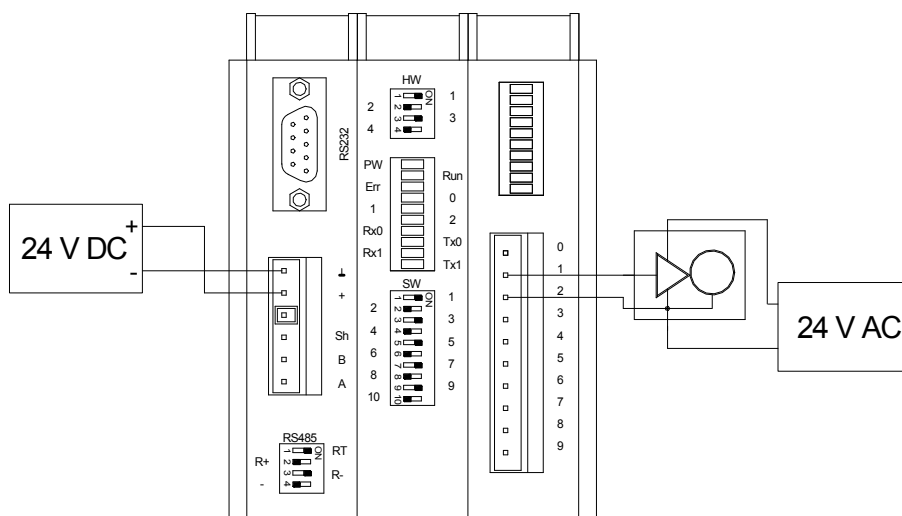
## MODULE DESCRIPTION AND SIGNAL ASSIGNMENT



## OUTPUT CIRCUIT WIRING



## 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.