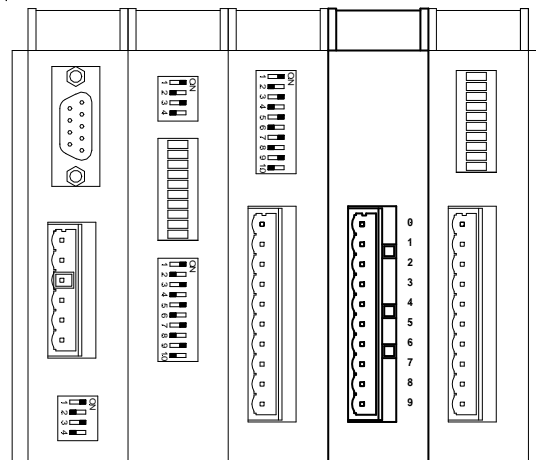


AD-AO8U

8 analogue outputs 0 to 10 V

- 8 voltage analogue outputs 0 to 10 V
- Without galvanic separation
- Common analogue ground
- Power supply from internal source
- Self-stacking connection to the AD-CPU167 unit, 35 mm DIN rail mounting



TECHNICAL DATA

Outputs	8 with common analogue ground
Output voltage	0 to 10 V DC
Max. output current	10 mA
Min. resistive load	1 kOhm
Max. capacitive load	10 nF
Conversion method / frequency	PWM / 2.5 kHz
Setting error	0.2 %
Converter resolution	10 bits
1 bit resolution	10 mV
Transition time 0 to 10 V, accuracy 1 %	Max. 25 ms
Residual ripple	20 mV
Thermal dependence	Typically ± 35 ppm/ $^{\circ}$ C
Short circuit protection	Electronic
Power supply	Internal
Max. internal source consumption	5 mA at 5 V DC 70 mA at 24 V DC *)
Others	
Max. number of modules in configuration	2
Position of module in configuration	1. and 2. position behind AD-CPU167 **)
Signal connection	WAGO 231 cage clamp connectors, code protection against mistaking
Cover protection rate	IP20
AD-AO8U operating temperature	0 to 70 $^{\circ}$ C
AD-AO8U/I operating temperature	-40 to 70 $^{\circ}$ C
Max. ambient humidity	< 95 % non-condensing
Mounting	35 mm DIN rail
Weight	200 g
Dimensions (w x h x d)	25 x 104 x 96 mm

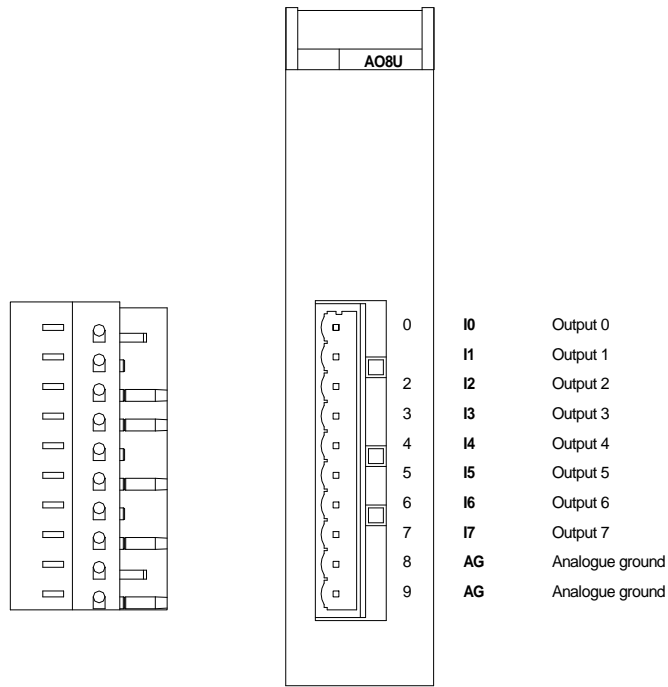
*) For max. load of all outputs.

***) Any combination of AD-AI5, AD-AI8, AD-NI8, AD-FAI8 modules or one AD-AO8I module could be before AD-AO8U module.

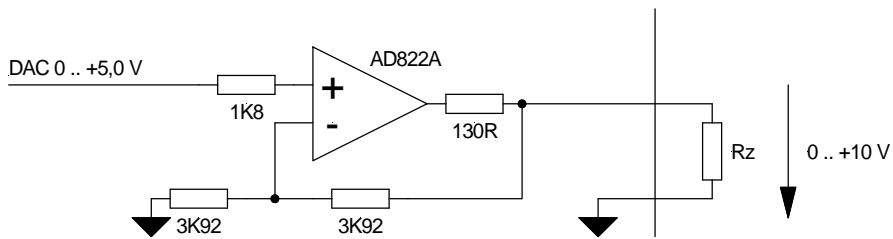
ORDERING INFORMATION

AD-AO8U	8 voltage analogue outputs module, WAGO231-310 connector, data sheet, warranty card
AD-AO8U/I	8 voltage analogue outputs module with temperature range -40 to 70 $^{\circ}$ C, WAGO231-310 connector, data sheet, warranty card

MODULE DESCRIPTION AND SIGNAL ASSIGNMENT



OUTPUT CIRCUIT WIRING



MODULE WIRING EXAMPLE

