



## AO, 12 Bit, U

AO 4 x U,  $\pm 10$  V, 0–10 V, 1–5 V, 12 Bit

- Output range  $\pm 10$  V, 0–10 V, 1–5 V
- Resolution 11 bit + sign
- Substitute value functionality
- Diagnostic messages
- A bi-color LED (blue/red) indicates the module operating status and any malfunctions
- 4 analog outputs, electrically isolated from the backplane bus
- 4 process output words (4 bytes)

Parameters for the module

Diagnostic alarm: On | Off

Representation values: SIMATIC\* S7 | SIMATIC\* S5 | INT16

Parameters for each channel

Wire break detection: On | Off

Output range:  $\pm 10$  V | 0–10 V | 1–5 V

Substitute value functionality: Outputs de-energized | Retain last value | Apply substitute value

Substitute value: 16 bit analog value ( $\pm 27648$ )

## Technical specifications

### General information

Order number	600-261-4AD01
Article name	AO 4 x U, $\pm 10$ V, 0–10 V, 1–5 V, 12 bit
Scope of delivery	AO 4 x U, $\pm 10$ V, 0–10 V, 1–5 V, 12 bit
Dimensions (DxWxH)	110 x 14 x 73 mm
Weight	Approx. 70 g
<b>Number of outputs</b>	4
<b>Output ranges</b>	$\pm 10$ V, 0–10 V, 1–5 V
<b>Electrical isolation</b>	
from the backplane bus	Yes
Between the channels	No
<b>Current draw</b>	
External	Max. 75 mA
Internal	Max. 24 mA
<b>Power dissipation</b>	Max. 2.4 W
<b>Connection for actuators</b>	2-wire connection
<b>Load resistance</b>	Min. 1 kohm
<b>Capacitive load</b>	Max. 1 $\mu$ F
<b>Short-circuit protection</b>	

Short-circuit protection	Yes
Short-circuit current	Max. 25 mA
Measurement resolution	11 bit + sign
Values presentation	SIMATIC* S7   SIMATIC* S5   INT16
Refresh time	0.2 ms
Settling time	