



AO, 12 Bit, U

AO 4 x U, ± 10 V, 0–10 V, 1–5 V, 12 Bit

- Output range ± 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: ± 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 (± 27648)

Technical specifications

General information

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

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	