



## Output module analog for 300s

### 2x V, A

The 2-channel analog output module is suitable for connection of analog actuators for voltage and current outputs in the range up to  $\pm 10$  V or  $\pm 20$  mA.

The signal lines are connected to the corresponding front connectors and can be marked in the label field.

The module is fully configured with the programming software.

#### General information

Order number	700-332-5HB01
Article name	AEA 300, 0-10 V/ 4 -20 mA, 2-channel
Scope of delivery	AEA 300, 0-10 V/ 4 -20 mA, 2-channel
Dimensions (DxWxH)	116 x 40 x 125 mm
Weight	Approx. 220g
Number of outputs	2
Diagnostic alarm	Yes, parameterizable
Diagnoses	Red LED for group error indicator
Load voltage L+/L-	24 V DC
Shielded	200 M
Power dissipation (nominal operation)	typ. 3 W
Front connectors	20-pin

#### Output ranges

Voltage outputs	0 ... 10 V, $\pm 10$ V, 1 ... 5 V
Current outputs	4 ... 20 mA, $\pm 20$ mA, 0 ... 20 mA

#### Measuring ranges / load resistance

With voltage outputs min. 1 k $\Omega$

With current outputs max. 500  $\Omega$

Under capacitive load max. 1  $\mu$ F

Under inductive load max. 10 mH

#### Short-circuit protection

Short-circuit protection	Yes
Short-circuit current	Max. 25 mA
No-load voltage	max. 18 V
Isolation from the backplane bus	Yes

#### Operational error limit in the entire temperature range

Voltage input	$\pm 0.5\%$
Current input	$\pm 0.6\%$

#### Basic error limit at 25 °C

Voltage input	$\pm 0.4\%$
Current input	$\pm 0.5\%$

**Current draw**

External	240 mA
Internal (backplane bus)	100 mA

Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C
Pollution degree	2
Protection rating	IP20
Approvals	CE

**Ambient conditions**

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