



Product data sheet
6ES7232-4HA30-0XB0

SIMATIC S7-1200, ANALOG OUTPUT SB 1232, 1 AO, +/- 10VDC (12 BIT RES.) OR 0 - 20 MA (11 BIT RES)

Supply voltages

Rated value

Short-circuit protection 0.0000000000000000E+00

Voltage supply to the transducers

Feed current, max. 25 mA

Current consumption

from backplane bus DC 5 V, typ. 15 mA

Current consumption/power loss

Power loss, typ. 1.5 W

Analog inputs

Number of analog inputs 0

Input ranges (rated values), voltages

-10 V to +10 V Yes

Input resistance (-10 V to +10 V) 1000 Ω

Analog outputs

Number of analog outputs 1

Cycle time (all channels) max. Voltage: 300 S (R), 750 S (1 μ F) Current: 600 ms (1 mH); 2 ms (10 mH)

Output ranges, voltage

-10 to +10 V Yes

Output ranges, current

0 to 20 mA Yes

Load impedance (in rated range of output)

with voltage outputs, min. 1000 Ω with current outputs, max. 600 Ω

Analog value creation

Measurement principle Differential

Integration and conversion time/resolution per channel

Resolution (incl. overload area) V / 12 bits, I / 11 bits

Smoothing of measured values	
parameterizable	Yes
Errors/accuracies	
Temperature error (relative to output area)	25°C ±0.5% bis 55°C ±1%
Interrupts/diagnostics/status information	
Alarms	
Alarms	Yes
Diagnoses	
Diagnostic functions	Yes
Degree of protection	
IP 20	Yes
Mechanics	
Plastic	Yes
Dimensions and weight	
Dimensions and weight	
Width	38 mm
Height	62 mm
Depth	21 mm
Weight	
Weight, approx.	40 g
Status	Dec 9, 2009