



6ES7232-4HA30-0XB0 S7-1200, SIGNAL BOARD 1 AO

Technical / CAx data

 Technical Data  CAx data**SIMATIC S7-1200, ANALOG OUTPUT SB 1232, 1 AO, +/- 10VDC (12 BIT RES.) OR 0 - 20 MA (11 BIT RES)****Supply voltages****Power supply to the transmitters**

Supply current, max.	25 mA
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**Current consumption**

from backplane bus 5 V DC, typ.	15 mA
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**Power losses**

Power loss, typ.	1.5 W
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**Analog inputs**

Number of analog inputs	0
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**Input ranges (rated values), voltages**

-10 V to +10 V	Yes
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Input resistance (-10 V to +10 V)	1000 Ω
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**Analog outputs**

Number of analog outputs	1
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Cycle time (all channels) max.	Voltage: 300 μS (R), 750 μS (1 uF) Current: 600 ms (1 mH); 2 ms (10 mH)
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**Output ranges, voltage**

-10 to +10 V	Yes
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**Output ranges, current**

0 to 20 mA	Yes
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**Load impedance (in rated range of output)**

with voltage outputs, min.	1000 Ω
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with current outputs, max.	600 Ω
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**Analog value creation**

Measurement principle	Differential
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**Integrations and conversion time/ resolution per channel**

Resolution (incl. overrange)	V / 12 bits, I / 11 bits
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**Smoothing of measured values**

parameterizable	Yes
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**Errors/accuracies**

Temperature error (relative to output area)	25°C ±0.5% bis 55°C ±1%
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**Interrupts/diagnostics/status information****Alarms**

Alarms	Yes
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**Diagnoses**

Diagnostic functions	Yes
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**Degree of protection**

IP20	Yes
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<b>Mechanics</b>	
<b>Plastic</b>	Yes
<b>Dimensions and weight</b>	
<b>Dimensions</b>	
<b>Width</b>	38 mm
<b>Height</b>	62 mm
<b>Depth</b>	21 mm
<b>Weight</b>	
<b>Weight, approx.</b>	40 g
<b>Status</b>	Jun 14, 2010