

SIEMENS

Product data sheet

6ES7232-0HD22-0XA0


SIMATIC S7-200, ANALOG OUTPUT EM 232,
FOR S7-22X CPU ONLY, 4 AQ, +/- 10V DC,
0..20mA 12/11 BIT CONVERTER

Input current

from backplane bus 5 V DC, max.	20 mA
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from sensor current supply or external current supply (24 V DC), max.	70 mA
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Power losses

Power loss, typ.	2 W
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Analog outputs

Number of analog outputs	4
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Output ranges, voltage

-10 to +10 V	Yes
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Output ranges, current

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

with voltage outputs, min.	5 k Ω
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with current outputs, max.	0.5 k Ω
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Analog value creation

Integrations and conversion time/ resolution per channel	
Resolution (incl. overrange)	V/12 bits, I/11 bits
Settling time	
for voltage output	100 µs
for current output	2 ms
Displayable conversion value range	
bipolar signals	-32000 to +32000
unipolar signals	0 to 32000
Errors/accuracies	
Operational limit in overall temperature range	
Voltage, relative to output area	+/- 2 %
Current, relative to output area	+/- 2 %
Basic error limit (operational limit at 25 °C)	
Voltage, relative to output area	+/- 0,5 %
Current, relative to output area	+/- 0,5 %
Galvanic isolation	
Galvanic isolation analog outputs	
Galvanic isolation analog outputs	No
Connection method	
Plug-in I/O terminals	No
Dimensions	
Width	71.2 mm
Height	80 mm
Depth	62 mm
Weight	
Weight, approx.	190 g
Status	Jul 17, 2012