



SIMATIC S7-300, ANALOG OUTPUT SM 332,  
OPTICALLY ISOLATED, 4 AO, U/I;  
DIAGNOSTICS;  
RESOLUTION 11/12 BITS, 20 PIN,  
REMOVE/INSERT W. ACTIVE, BACKPLANE BUS

<b>Supply voltage</b>	
Load voltage L+	
Rated value (DC)	24 V
<b>Input current</b>	
from load voltage L+ (without load), max.	240 mA
from backplane bus 5 V DC, max.	60 mA
<b>Power loss</b>	
Werkelijk vermogensverlies / typisch	3 W
<b>Analog outputs</b>	
Aantal analoge uitgangen	4
Voltage output, short-circuit protection	Ja
Voltage output, short-circuit current, max.	25 mA
Current output, no-load voltage, max.	18 V
<b>Output ranges, voltage</b>	
0 to 10 V	Ja
1 to 5 V	Ja
-10 to +10 V	Ja
<b>Output ranges, current</b>	

0 to 20 mA	Ja
-20 to +20 mA	Ja
4 to 20 mA	Ja
<b>Load impedance (in rated range of output)</b>	
with voltage outputs, min.	1 kΩ
with voltage outputs, capacitive load, max.	1 μF
with current outputs, max.	500 Ω
with current outputs, inductive load, max.	10 mH
<b>Cable length</b>	
Cable length, shielded, max.	200 m
<b>Analog value generation</b>	
<b>Integration and conversion time/resolution per channel</b>	
Resolution with overrange (bit including sign), max.	12 bit
Conversion time (per channel)	0,8 ms
<b>Settling time</b>	
for resistive load	0,2 ms
for capacitive load	3,3 ms
for inductive load	0,5 ms
<b>Errors/accuracies</b>	
<b>Operational error limit in overall temperature range</b>	
Voltage, relative to output area, (+/-)	0,5 %
Current, relative to output area, (+/-)	0,6 %
<b>Basic error limit (operational limit at 25 °C)</b>	
Voltage, relative to output area, (+/-)	0,4 %
Current, relative to output area, (+/-)	0,5 %
<b>Interrupts/diagnostics/status information</b>	
Substitute values connectable	Ja
<b>Alarms</b>	
Diagnostic alarm	Ja
<b>Diagnostic messages</b>	
Diagnostic information readable	Ja
Diagnostics	Ja
<b>Diagnostics indication LED</b>	
Group error SF (red)	Ja
<b>Galvanic isolation</b>	
<b>Galvanic isolation analog outputs</b>	
between the channels and the backplane bus	Ja
<b>Dimensions</b>	

<b>Breedte</b>	40 mm
<b>Hoogte</b>	125 mm
<b>Diepte</b>	120 mm
<b>Weights</b>	
<b>Weight, approx.</b>	220 g
Status	7-jul-2014