



AI-8320 ANALOG INPUT 2X2 +/-20MA/ +/-10V

General technical data	
consumed active power / rated value / maximum	180 mW
surge voltage / rated value	2 kV
Measuring inputs	
operating range of measuring inputs / for current measurement	± 10 mA
Inputs / Outputs	
number of analog inputs	4
design of analog input / configurable	Yes
A/D resolution / at the analog input	16 bit
input variable / at the analog input / current signal	Yes
input variable / at the analog input / voltage	Yes
output quantity / at analog output / current signal	No
output quantity / at analog output / voltage	No
Mechanical Design	
width	30 mm
height	132 mm
depth	124 mm
fastening method / standard rail mounting	Yes
fastening method / wall mounting	No
fastening method / rack mounting	No
type of electrical connection	screw connection
connectable conductor cross-section	0.33 ... 2.5 mm ²
material / of the enclosure	plastic
product feature / plug-in terminal blocks	Yes
product function / with function display	Yes
product function / status display	No
Degree of protection / protection class	
operating resource protection class	II
degree of pollution	2
protection class IP / on the front	IP40
Environmental conditions	
ambient temperature / during operation	-40 ... +70 °C
ambient temperature / during storage	-30 ... +85 °C
relative humidity	5 ... 95 %
mounting height in relation to mean sea level / maximum	3 000 m
air pressure / maximum	106 kPa

Approval certification

certificate of suitability / CE marking

Yes

Further information

Information- and Downloadcenter (catalogues, leaflets,...)

<http://www.siemens.com/energy-automation>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=6MF2832-0AA00>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/6MF2832-0AA00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=6MF2832-0AA00

Tender specifications

<http://www.siemens.com/specifications>

