

SIMATIC S7-200 SMART, Analog input SM AI08, 8 AI, 0...10V, 0...5V, +/-5 V, +/-2.5 V or 0/4-20 mA; 11 bit + sign (12 bit ADC)



### General information

Product type designation	SM AI08, AI 8x12 bit
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### CiR – Configuration in RUN

Reparameterization possible in RUN	No
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### Supply voltage

Rated value (DC)	Yes; -15 / +20 %
• 24 V DC	
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V

### Input current

Current consumption, typ.	60 mA
Current consumption, max.	80 mA
from backplane bus 5 V DC, typ.	61 mA
from backplane bus 5 V DC, max.	80 mA

### Power loss

Power loss, typ.	2 W
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### Dimensions

Width	45 mm
Height	100 mm
Depth	81 mm

### Weights

Weight, approx.	186 g
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**last modified:** 04/12/2019