

# SIEMENS

## Product data sheet

## 6AG1055-1MM00-2BY1

SIPLUS LOGO! AM2 AQ -40 ... +70 DEGREES C  
WITH CONFORMAL COATING BASED ON 6ED1055-  
1MM00-0BA1 . EXPAN. MODULE,  
PS: DC 24V, 2AQ, 0-10V, 0/4-20MA

Installation type/mounting	
Mounting	on 35 mm DIN rail, 2 spacing units wide
Supply voltage	
24 V DC	Yes
Analog outputs	
Number of analog outputs	2
Output ranges, voltage	
0 to 10 V	Yes
EMC	
Emission of radio interference acc. to EN 55 011	
Emission of radio interference acc. to EN 55 011 (limit class B)	Yes ; Radio interference suppression according to EN55011, Limit Value Class B
Degree and class of protection	
IP20	Yes
Standards, approvals, certificates	
CSA approval	No
UL approval	No
FM approval	No
Marine approval	No
Developed according to IEC 61131	Yes
according to VDE 0631	Yes
Ambient conditions	
Operating temperature	
Min.	-40 °C ; = Tmin
max.	70 °C ; = Tmax; 55 °C @ UL/cUL use

Extended ambient conditions	
Relative to ambient temperature-atmospheric pressure-installation altitude	Tmin ... Tmax at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // Tmin ... (Tmax - 10K) at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // Tmin ... (Tmax - 20K) at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
Relative humidity	
with condensation / maximum	100 % ; Relative humidity, incl. condensation / frost permitted (no commissioning under condensation conditions)
Resistance	
to biologically active substances / conformity with EN 60721-3-3	Yes
to chemically active substances / conformity with EN 60721-3-3	Yes ; Class 3C4 incl. salt spray. The supplied connector covers must remain on the unused interfaces during operation!
to mechanically active substances / conformity with EN 60721-3-3	Yes
Dimensions	
Width	36 mm
Height	90 mm
Depth	55 mm
Status	Jul 17, 2012