

SIPLUS LOGO! AM2 RTD -40 ... 70°C startup -25°C with conformal coating based on 6ED1055-1MD00-0BA2 . expan..module, PU: DC 12/24V, 2AI, -50 ... +200°C PT100/1000 For LOGO! 8

Installation type/mounting	
Mounting	on 35 mm DIN rail, 2 spacing units wide
Supply voltage	
Rated value (DC)	
<ul style="list-style-type: none"> • 12 V DC • 24 V DC 	Yes; 10.8 V DC to 28.8 V DC Yes; 10.8 V DC to 28.8 V DC
Analog inputs	
Number of analog inputs	2; 2 or 3 wire connection
Input ranges	
<ul style="list-style-type: none"> • Voltage • Current • Resistance thermometer 	No No Yes; For PT100/PT1000 sensors
Input ranges (rated values), voltages	
<ul style="list-style-type: none"> • 0 to +10 V 	No
Input ranges (rated values), currents	
<ul style="list-style-type: none"> • 0 to 20 mA 	No
Input ranges (rated values), resistance thermometer	
<ul style="list-style-type: none"> • Pt 100 	Yes
EMC	
Emission of radio interference acc. to EN 55 011	
<ul style="list-style-type: none"> • Limit class B, for use in residential areas 	Yes
Degree and class of protection	
Degree of protection acc. to EN 60529	
<ul style="list-style-type: none"> • IP20 	Yes
Standards, approvals, certificates	
CE mark	Yes
developed in accordance with IEC 61131	Yes
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> • min. • max. 	-40 °C; = Tmin; Startup @ -25 °C 70 °C; = Tmax
Altitude during operation based on sea level	

- Ambient air temperature-barometric pressure-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, tested in accordance with IEC 60068-2-38, max.

100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation

Resistance

Use in stationary industrial systems

— to biologically active substances according to EN 60721-3-3

Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request

— to chemically active substances according to EN 60721-3-3

Yes; Class 3C4 (RH < 75%) incl. salt spray according to EN 60068-2-52 (degree of severity 3). The supplied connector covers must remain on the unused interfaces during operation!

— to mechanically active substances according to EN 60721-3-3

Yes; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation!

Dimensions

Width 35.5 mm

Height 90 mm

Depth 58 mm

last modified: 10/13/2017