## **SIEMENS**

## **Data sheet**

6AG1134-6JD00-2CA1



SIPLUS ET 200SP, AI 4xRTD/TC high feature, -40...+60  $^{\circ}$ C with conformal coating based on 6ES7134-6JD00-0CA1 . suitable for BU type A0, A1, color code CC00, channel diagnostics, 16-bit, +/-0.1%, 2/3/4-wire

Figure similar

( 328 m. 17 (8 g)	
General information	
Product type designation	AI 4xRTD/TC 2-/3-/4-wire HF
usable BaseUnits	BU type A0, A1
Color code for module-specific color identification plate	CC00
Product function	
<ul> <li>I&amp;M data</li> </ul>	Yes; I&M0 to I&M3
Isochronous mode	No
Operating mode	
<ul> <li>Oversampling</li> </ul>	No
• MSI	No
CiR - Configuration in RUN	
Reparameterization possible in RUN	Yes
Calibration possible in RUN	Yes
Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption, max.	35 mA
Power loss	
Power loss, typ.	0.75 W
Address area	
Address space per module	
Address space per module, max.	8 byte; + 1 byte for QI information
Analog inputs	
Number of analog inputs	4
For voltage measurement	4
<ul> <li>For resistance/resistance thermometer measurement</li> </ul>	4
<ul> <li>For thermocouple measurement</li> </ul>	4
permissible input voltage for voltage input (destruction limit), max.	30 V
Constant measurement current for resistance-type transmitter, typ.	0.7 mA; 1.7 mA for Cu10 sensors
Cycle time (all channels), min.	Sum of the basic conversion times and additional processing times (depending on the parameterization of the active channels); for line compensation in case of a three-wire connection, an additional cycle is

	necessary
Technical unit for temperature measurement adjustable	Yes; °C/°F/K
nput ranges (rated values), voltages	
• -1 V to +1 V	Yes; 16 bit incl. sign
— Input resistance (-1 V to +1 V)	1 ΜΩ
• -250 mV to +250 mV	Yes; 16 bit incl. sign
<ul><li>— Input resistance (-250 mV to +250 mV)</li></ul>	1 ΜΩ
• -50 mV to +50 mV	Yes; 16 bit incl. sign
<ul><li>— Input resistance (-50 mV to +50 mV)</li></ul>	1 ΜΩ
• -80 mV to +80 mV	Yes; 16 bit incl. sign
— Input resistance (-80 mV to +80 mV)	1 ΜΩ
nput ranges (rated values), thermocouples	
• Type B	Yes; 16 bit incl. sign
<ul><li>— Input resistance (Type B)</li></ul>	1 ΜΩ
• Type C	Yes; 16 bit incl. sign
<ul><li>— Input resistance (Type C)</li></ul>	1 ΜΩ
• Type E	Yes; 16 bit incl. sign
— Input resistance (Type E)	1 ΜΩ
• Type J	Yes; 16 bit incl. sign
<ul><li>— Input resistance (type J)</li></ul>	1 ΜΩ
Type K	Yes; 16 bit incl. sign
— Input resistance (Type K)	1 ΜΩ
• Type L	Yes; 16 bit incl. sign
— Input resistance (Type L)	1 ΜΩ
Type N	Yes; 16 bit incl. sign
— Input resistance (Type N)	1 ΜΩ
• Type R	Yes; 16 bit incl. sign
— Input resistance (Type R)	1 ΜΩ
• Type S	Yes; 16 bit incl. sign
— Input resistance (Type S)	1 ΜΩ
• Type T	Yes; 16 bit incl. sign
— Input resistance (Type T)	1 ΜΩ
• Type U	Yes; 16 bit incl. sign
— Input resistance (Type U)	1 ΜΩ
Type TXK/TXK(L) to GOST	Yes; 16 bit incl. sign
<ul> <li>Input resistance (Type TXK/TXK(L) to GOST)</li> </ul>	1 ΜΩ
nput ranges (rated values), resistance thermometer	
• Cu 10	Yes; 16 bit incl. sign
• Ni 100	Yes; 16 bit incl. sign
— Input resistance (Ni 100)	1 ΜΩ
• Ni 1000	Yes; 16 bit incl. sign
— Input resistance (Ni 1000)	1 ΜΩ
• LG-Ni 1000	Yes; 16 bit incl. sign
— Input resistance (LG-Ni 1000)	1 ΜΩ
• Ni 120	Yes; 16 bit incl. sign
— Input resistance (Ni 120)	1 ΜΩ
• Ni 200	Yes; 16 bit incl. sign
— Input resistance (Ni 200)	1 MΩ
• Ni 500	Yes; 16 bit incl. sign
— Input resistance (Ni 500)	1 MΩ
• Pt 100	Yes; 16 bit incl. sign
— Input resistance (Pt 100)	1 M $\Omega$
Pt 1000	Yes; 16 bit incl. sign
— Input resistance (Pt 1000)	1 MΩ
• Pt 200	Yes; 16 bit incl. sign
— Input resistance (Pt 200)	1 MΩ
<ul><li>Pt 500</li><li>— Input resistance (Pt 500)</li></ul>	Yes; 16 bit incl. sign
IDDUT TOOLOTODOO (1.1t h.(1/1))	1 ΜΩ

Input ranges (rated values), resistors	
0 to 150 ohms	Yes; 15 bit
— Input resistance (0 to 150 ohms)	1 MΩ
0 to 300 ohms	Yes; 15 bit
— Input resistance (0 to 300 ohms)	1 ΜΩ
0 to 600 ohms	Yes; 15 bit
Input resistance (0 to 600 ohms)	1 ΜΩ
0 to 3000 ohms	Yes; 15 bit
— Input resistance (0 to 3000 ohms)	1 ΜΩ
• 0 to 6000 ohms	Yes; 15 bit
— Input resistance (0 to 6000 ohms)	1 ΜΩ
• PTC	Yes; 15 bit
— Input resistance (PTC)	1 ΜΩ
Thermocouple (TC)	1 11122
Temperature compensation	
— parameterizable	Yes
Reference channel of the module	Yes
— internal comparison point	Yes; with BaseUnit type A1
Reference channel of the group	Yes
Number of reference channel groups	4; Group 0 to 3
fixed reference temperature	Yes
Cable length	
• shielded, max.	200 m; 50 m with thermocouples
Analog value generation for the inputs	
Measurement principle	integrating (Sigma-Delta)
Integration and conversion time/resolution per channel	integrating (eighta Betta)
Resolution with overrange (bit including sign), max.	16 bit
Integration time, parameterizable	Yes
Basic conversion time, including integration time	
(ms)	
— additional processing time for wire-break check	2 ms; In the ranges resistance thermometers, resistors and thermocouples
<ul> <li>additional power line wire-break check</li> </ul>	2 ms; for 3/4 wire transducer (resistance thermometer and resistor)
<ul> <li>Interference voltage suppression for interference frequency f1 in Hz</li> </ul>	16.6 / 50 / 60 Hz
Conversion time (per channel)	180 / 60 / 50 ms
Smoothing of measured values	
<ul> <li>Number of smoothing levels</li> </ul>	4; None; 4/8/16 times
parameterizable	Yes
Encoder	
Connection of signal encoders	
<ul> <li>for voltage measurement</li> </ul>	Yes
<ul> <li>for resistance measurement with two-wire connection</li> </ul>	Yes
<ul> <li>for resistance measurement with three-wire connection</li> </ul>	Yes
for resistance measurement with four-wire connection	Yes
Errors/accuracies	
Errors/accuracies Linearity error (relative to input range), (+/-)	0.01 %
	0.01 % 0.005 %/K
Linearity error (relative to input range), (+/-) Temperature error (relative to input range), (+/-) Crosstalk between the inputs, min.	
Linearity error (relative to input range), (+/-) Temperature error (relative to input range), (+/-)	0.005 %/K
Linearity error (relative to input range), (+/-)  Temperature error (relative to input range), (+/-)  Crosstalk between the inputs, min.  Repeat accuracy in steady state at 25 °C (relative to input	0.005 %/K 50 dB
Linearity error (relative to input range), (+/-) Temperature error (relative to input range), (+/-) Crosstalk between the inputs, min. Repeat accuracy in steady state at 25 °C (relative to input range), (+/-)	0.005 %/K 50 dB
Linearity error (relative to input range), (+/-) Temperature error (relative to input range), (+/-) Crosstalk between the inputs, min. Repeat accuracy in steady state at 25 °C (relative to input range), (+/-) Operational error limit in overall temperature range  • Voltage, relative to input range, (+/-) • Resistance, relative to input range, (+/-)	0.005 %/K 50 dB 0.05 %
Linearity error (relative to input range), (+/-) Temperature error (relative to input range), (+/-) Crosstalk between the inputs, min. Repeat accuracy in steady state at 25 °C (relative to input range), (+/-) Operational error limit in overall temperature range  • Voltage, relative to input range, (+/-)	0.005 %/K 50 dB 0.05 %
Linearity error (relative to input range), (+/-)  Temperature error (relative to input range), (+/-)  Crosstalk between the inputs, min.  Repeat accuracy in steady state at 25 °C (relative to input range), (+/-)  Operational error limit in overall temperature range  • Voltage, relative to input range, (+/-)  • Resistance, relative to input range, (+/-)  Basic error limit (operational limit at 25 °C)  • Voltage, relative to input range, (+/-)	0.005 %/K 50 dB 0.05 %
Linearity error (relative to input range), (+/-)  Temperature error (relative to input range), (+/-)  Crosstalk between the inputs, min.  Repeat accuracy in steady state at 25 °C (relative to input range), (+/-)  Operational error limit in overall temperature range  • Voltage, relative to input range, (+/-)  • Resistance, relative to input range, (+/-)  Basic error limit (operational limit at 25 °C)	0.005 %/K 50 dB 0.05 % 0.2 % 0.2 %

Interference voltage suppression for $f = n \times (f1 +/- 1 \%)$ , $f1 =$	interference frequency
<ul> <li>Series mode interference (peak value of interference &lt; rated value of input range), min.</li> </ul>	70 dB
<ul> <li>Common mode voltage, max.</li> </ul>	10 V
<ul> <li>Common mode interference, min.</li> </ul>	90 dB
terrupts/diagnostics/status information	
Diagnostics function	Yes
Alarms	
Diagnostic alarm	Yes
Limit value alarm	Yes; two upper and two lower limit values in each case
Diagnoses	
Monitoring the supply voltage	Yes
Wire-break	Yes; channel by channel
Group error	Yes
<ul><li>Overflow/underflow</li></ul>	Yes; channel by channel
Diagnostics indication LED	
<ul> <li>Monitoring of the supply voltage (PWR-LED)</li> </ul>	Yes; green PWR LED
Channel status display	Yes; green LED
for channel diagnostics	Yes; red LED
for module diagnostics	Yes; green/red DIAG LED
otential separation	
Potential separation channels	
between the channels	No
between the channels and backplane bus	Yes
between the channels and the power supply of the	Yes
electronics	
ermissible potential difference	40.1/100
between the inputs (UCM)	10 V DC
solation	
Isolation tested with	707 V DC (type test)
mbient conditions	
Ambient temperature during exercice	
horizontal installation, min.	-40 °C; = Tmin (incl. condensation/frost)
• horizontal installation, max.	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module
<ul> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> </ul>	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost)
<ul> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul>	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module
<ul> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul> Altitude during operation relating to sea level	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost)
<ul> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> </ul>	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax
<ul> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul> Altitude during operation relating to sea level	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax
<ul> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> <li>Altitude during operation relating to sea level</li> <li>Installation altitude above sea level, max.</li> <li>Ambient air temperature-barometric pressure-altitude</li> </ul>	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax  5 000 m Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin
horizontal installation, min.     horizontal installation, max.      vertical installation, min.     vertical installation, max.  Altitude during operation relating to sea level     Installation altitude above sea level, max.     Ambient air temperature-barometric pressure-altitude	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax  5 000 m Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin
horizontal installation, min.     horizontal installation, max.      vertical installation, min.     vertical installation, max.  Altitude during operation relating to sea level     Installation altitude above sea level, max.     Ambient air temperature-barometric pressure-altitude  Relative humidity     With condensation, tested in accordance with IEC 60068-2-38, max.	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax  5 000 m Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)
horizontal installation, min.     horizontal installation, max.      vertical installation, min.     vertical installation, max.  Altitude during operation relating to sea level     Installation altitude above sea level, max.     Ambient air temperature-barometric pressurealtitude  Relative humidity     With condensation, tested in accordance with IEC 60068-2-38, max.	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax  5 000 m Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)
horizontal installation, min.     horizontal installation, max.      vertical installation, min.     vertical installation, max.  Altitude during operation relating to sea level     Installation altitude above sea level, max.     Ambient air temperature-barometric pressurealtitude  Relative humidity     With condensation, tested in accordance with IEC 60068-2-38, max.  Resistance	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax  5 000 m Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)
horizontal installation, min.     horizontal installation, max.      vertical installation, min.     vertical installation, max.  Altitude during operation relating to sea level     Installation altitude above sea level, max.     Ambient air temperature-barometric pressurealtitude  Relative humidity     With condensation, tested in accordance with IEC 60068-2-38, max.  Resistance  Coolants and lubricants     — Resistant to commercially available coolants	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax  5 000 m Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)  100 %; RH incl. condensation/frost (no commissioning under condensation conditions)
horizontal installation, min.     horizontal installation, min.     vertical installation, min.     vertical installation, max.  Altitude during operation relating to sea level     Installation altitude above sea level, max.     Ambient air temperature-barometric pressurealtitude  Relative humidity     With condensation, tested in accordance with IEC 60068-2-38, max.  Resistance  Coolants and lubricants     — Resistant to commercially available coolants and lubricants	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax  5 000 m Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)  100 %; RH incl. condensation/frost (no commissioning under condensation conditions)
horizontal installation, min.     horizontal installation, min.     vertical installation, min.     vertical installation, max.  Altitude during operation relating to sea level     Installation altitude above sea level, max.     Ambient air temperature-barometric pressurealtitude  Relative humidity     With condensation, tested in accordance with IEC 60068-2-38, max.  Resistance     Coolants and lubricants     — Resistant to commercially available coolants and lubricants  Use in stationary industrial systems     — to biologically active substances according to	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax  5 000 m Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)  100 %; RH incl. condensation/frost (no commissioning under condensation conditions)  Yes; Incl. diesel and oil droplets in the air
<ul> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> <li>Altitude during operation relating to sea level</li> <li>Installation altitude above sea level, max.</li> <li>Ambient air temperature-barometric pressurealtitude</li> <li>Relative humidity</li> <li>With condensation, tested in accordance with IEC 60068-2-38, max.</li> <li>Resistance</li> <li>Coolants and lubricants</li> <li>Resistant to commercially available coolants and lubricants</li> <li>Use in stationary industrial systems</li> <li>to biologically active substances according to EN 60721-3-3</li> <li>to chemically active substances according to</li> </ul>	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax  5 000 m Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)  100 %; RH incl. condensation/frost (no commissioning under condensation conditions)  Yes; Incl. diesel and oil droplets in the air  Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52
horizontal installation, min.     horizontal installation, min.     vertical installation, min.     vertical installation, max.  Altitude during operation relating to sea level     Installation altitude above sea level, max.     Ambient air temperature-barometric pressurealtitude  Relative humidity     With condensation, tested in accordance with IEC 60068-2-38, max.  Resistance  Coolants and lubricants     Resistant to commercially available coolants and lubricants  Use in stationary industrial systems     to biologically active substances according to EN 60721-3-3     to chemically active substances according to EN 60721-3-3     to mechanically active substances according to	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax  5 000 m Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)  100 %; RH incl. condensation/frost (no commissioning under condensation conditions)  Yes; Incl. diesel and oil droplets in the air  Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
<ul> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> <li>Altitude during operation relating to sea level</li> <li>Installation altitude above sea level, max.</li> <li>Ambient air temperature-barometric pressurealtitude</li> <li>Relative humidity</li> <li>With condensation, tested in accordance with IEC 60068-2-38, max.</li> <li>Resistance</li> <li>Coolants and lubricants         <ul> <li>Resistant to commercially available coolants and lubricants</li> <li>Use in stationary industrial systems</li> <li>to biologically active substances according to EN 60721-3-3</li> <li>to chemically active substances according to EN 60721-3-3</li> <li>to mechanically active substances according to EN 60721-3-3</li> <li>Against mechanical environmental conditions</li> </ul> </li> </ul>	60 °C; = Tmax; +70 °C with configured empty slots to the left and right of the module -40 °C; = Tmin (incl. condensation/frost) 50 °C; = Tmax  5 000 m Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)  100 %; RH incl. condensation/frost (no commissioning under condensation conditions)  Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 3M8 using the SIPLUS Mounting Kit ET 200SP (6AG1193-

EN 60721-3-6	request
<ul> <li>to chemically active substances according to EN 60721-3-6</li> </ul>	Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); $^{\star}$
<ul> <li>to mechanically active substances according to EN 60721-3-6</li> </ul>	Yes; Class 6S3 incl. sand, dust; *
<ul> <li>Against mechanical environmental conditions acc. to EN 60721-3-6</li> </ul>	Yes; Class 6M4 using the SIPLUS Mounting Kit ET 200SP (6AG1193-6AA00-0AA0)
Usage in industrial process technology	
<ul> <li>Against chemically active substances acc. to EN 60654-4</li> </ul>	Yes; Class 3 (excluding trichlorethylene)
<ul> <li>Environmental conditions for process, measuring and control systems acc. to ANSI/ISA- 71.04</li> </ul>	Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil)
Remark	
<ul> <li>Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04</li> </ul>	* The supplied plug covers must remain in place over the unused interfaces during operation!
Conformal coating	
<ul> <li>Coatings for printed circuit board assemblies acc. to EN 61086</li> </ul>	Yes; Class 2 for high reliability
<ul> <li>Protection against fouling acc. to EN 60664-3</li> </ul>	Yes; Type 1 protection
<ul> <li>Military testing according to MIL-I-46058C, Amendment 7</li> </ul>	Yes; Discoloration of coating possible during service life
<ul> <li>Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A</li> </ul>	Yes; Conformal coating, Class A
Dimensions	
Width	15 mm
Height	73 mm
Depth	58 mm
Weights	
Weight, approx.	30 g

5/5/2021

last modified: