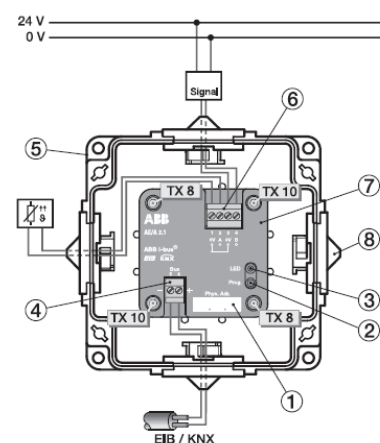




Two-channel analog input, independently configurable for current/voltage/resistance signals. The device is ready for use after being connected to the KNX bus. An external power supply is not required for the correct functioning of the device.



- | | |
|----------------------|----------------------|
| 1 Label carrier | 5 Housing |
| 2 Programming button | 6 Sensor connections |
| 3 Programming LED | 7 Device cover |
| 4 Bus connection | 8 4 x cable entries |

TECHNICAL SPECIFICATIONS

Power Supply	BUS Voltage	21-32 VDC
	Current consumption	<8mA
	Power consumption	<250mW
Inputs x 2	Current input (max 25mA)	0-20mA, 4-20mA
	Voltage input (max 12Vac)	0-1V, 0-5V, 0-10V, 1-10V
	Resistance input (max CA)	0-1000Ω, PT100, PT1000, KT/KTY 1000/2000, User defined
Resolution	See the tables below*	
Wiring	Sensors - device	<30m
Protection type	IP 54	DIN EN 60 529
Overvoltage category	III	DIN EN 61 140
Temperature range	Operating	[-20°C,70°C]
	Storage	[-25°C,70°C]
	Transport	[-25°C,70°C]
Assembly	On surface, as required	
Control Signals	LED Button <u>programming</u>	"PROGRAMMING" LED illuminated
Dimensions	HxLxW mm	117x117x51 mm
Certifications	KNX, EN 50 090-1,-2	
Standard programming	Channel A	13/0/0 – Pyranometer
	Channel B	13/0/1 – PT1000

*Resolution table

Current signal

Signal	Resolution	Accuracy at 25°C	Accuracy 0...50°C	Accuracy -20...70°C
0-20mA	2uA	±0.2% ±4uA	±0.5% ±4uA	±0.8% ±4uA
4-20mA	2uA	±0.2% ±4uA	±0.5% ±4uA	±0.8% ±4uA

Voltage signal

Signal	Resolution	Accuracy at 25°C	Accuracy 0...50°C	Accuracy -20...70°C
0-1 V	200uV	±0.2% ±1mV	±0.5% ±1mV	±0.8% ±1mV
0-5 V	200uV	±0.2% ±1mV	±0.5% ±1mV	±0.8% ±1mV
0-10 V	200uV	±0.2% ±1mV	±0.5% ±1mV	±0.8% ±1mV
1-10 V	200uV	±0.2% ±1mV	±0.5% ±1mV	±0.8% ±1mV

Resistance signal

Signal	Resolution	Accuracy at 25°C	Accuracy 0...50°C	Accuracy -20...70°C
0-1000 Ω	0.1 Ω	± 1.0 Ω	± 1.5 Ω	± 2 Ω
PT100	0.001 Ω	± 0.15 Ω	± 0.2 Ω	± 0.25 Ω
PT1000	0.1 Ω	± 1.5 Ω	± 2 Ω	± 2.5 Ω
KT/KTY 1000 Ω	1 Ω	± 2.5 Ω	± 3 Ω	± 3.5 Ω
KT/KTY 2000 Ω	1 Ω	± 5 Ω	± 6 Ω	± 7 Ω

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