**Product Information** 

ABB i-bus® KNX Analogue Input AE/S 4.2 AE/A 2.1

Intelligent Installation Systems









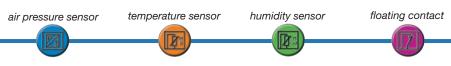


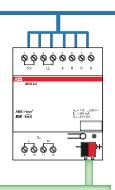
The convenient control of complex systems is gaining increasing importance.

Sensors are used for example in

- order to control inlet and outlet air dampers as well as air flow rates of an air-conditioning system
- the heating to regulate via an outside temperature sensor
- the liquid levels of tanks query
- ducting temperatures to recorde and evaluate
- to install presence sensors to make optimum use of energy in the rooms.

Monitoring and security functions are dependent on data from the sensors. All these events contribute to controlling complex systems in buildings and houses in an energy-efficient, convenient and reliable way. With the ability to record and process independent analogue input signals, our Analogue Inputs AE/S 4.2 and AE/A 2.1 assist in controlling systems via the ABB i-bus®.





• Inputs:	2 (AE/A) or 4 (AE/S) per device			
Sensor output:	0 – 1 V, 0 – 5 V, 0 – 10 V, 1 – 10 V, 0 – 20 mA, 4 – 20 mA,			
	0 – 1000 ohms, PT 100 2-wire technology and floatng contact			
• additionally for AE/A 2.1:	PT 1.000 2-wire technology			
	Selection on KT/KTY sensors			
	User defined input of KT/KTY sensors			
Measured value:	Can be represented as a 1 bit value, 2 byte value or 4 byte value			
• Filtering:	Mean value generation over 1/4/16/64 measurements			
Threshold value:	2 per input each with upper or lower threshold value			
Calculation:	Comparison/arithmetic functions, mean-value generation			

## **Ordering information**





	Туре	Description	MW*	Order No.	bbn 40 16779 EAN	Unit weight (kg)
	AE/S 4.2	Analogue Input, 4-fold, MDRC	4	2CDG 110 030 R0011	58763 1	0.2
_	AE/A 2.1	Analogue Input, 2-fold, AP	-	2CDG 110 086 R0011	66401 1	0.25

<sup>\*</sup> MW = module width in space units = 18 mm



The information in this leaflet is subject to change without further notice.

Your KNX-Partner

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