



ABB i-bus<sup>®</sup> EIB / KNX

## Analogue Input AE/S 4.2



**ABB**



- Analogue Input, 4-fold, MDRC (4 MW)
- Auxiliary voltage for sensor supply
- Sensor inputs
- Programming-button/LED
- Bus connection terminal
- Power supply

- Registration and processing of 4 different analogue input signals
- Integrated power supply to provide the sensors, 24 V DC / max. 300 mA (over 115...230 V AC)
- Connection of any sensor with  
0-1 V, 0-5 V, 0-10 V, 1-10 V, 0-20 mA, 4-20 mA,  
0-1000 Ohm, PT 100 2-wire technology –30...+70°C,  
PT100 2 wires technology –200...+800°C and  
potential free contact

- Free adjustable signals from sensor
- Measured value visible as
  - 1-bit [0/1], 1-byte [0...+255], [-128...+127],
  - 2-byte [0...+65,535], [-32,768...+32,767],
  - 2-byte [floating point], 4-byte [IEEE-floating point]
- Filtering within 4, 16 or 64 measurements
- Threshold value:
  - 2 each inputs with upper and lower limit /
  - threshold value modified via the bus
- Comparator / arithmetic / arithmetic mean value



- Minimum duration underflow and over range adjustable  
(If the send communication reverts during the minimum duration, no telegrams are sent)
- Offset temperature +/- 5°C
- Line fault compensation at PT 100-resistance  
via cable length or via cable resistance

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