



## **Analog isolated high level input module BMXAMI0810**

URL:<https://www.sxplc.com/analog-isolated-high-level-input-module-bmxami0810>

**Product data sheet**

<b>Product or Component Type</b>	Analog input module
<b>Electrical connection</b>	28 ways 1 connector
<b>Isolation between channels</b>	Isolated
<b>Input level</b>	High level
<b>Analogue input number</b>	8
<b>Analogue input type</b>	Current +/- 20 mA Current 0...20 mA Current 4...20 mA Voltage +/- 10 V Voltage +/- 5 V Voltage 0...10 V Voltage 0...5 V Voltage 1...5 V

## Complementary

<b>Analog/digital conversion</b>	16 bits
<b>Analogue input resolution</b>	15 bits + sign
<b>Permitted overload on inputs</b>	+/- 30 mA 0...20 mA +/- 30 mA 4...20 mA +/- 30 V +/- 10 V +/- 30 V +/- 5 V +/- 30 V 0...10 V +/- 30 V 0...5 V +/- 30 V 1...5 V +/- 30 mA +/- 20 mA
<b>Input impedance</b>	10 MOhm in voltage mode 250 Ohm + 3.6...50 Ohm internal protective resistor in current mode
<b>Precision of internal conversion resistor</b>	0.1 % - 15 ppm/°C
<b>type of filter</b>	First order digital filtering
<b>Fast read cycle time</b>	1 ms + 1 ms x number of channels used
<b>Nominal read cycle time</b>	9 ms for 8 channels

