



### Commercial status

End-of-Sale Notice :

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### Main

Range of product	Modicon Premium Automation platform
Product or component type	Analog input module
Input level	High level
Analogue input number	4
Analogue input type	Current 0...20 mA Current 4...20 mA Voltage +/- 10 V Voltage 0...10 V Voltage 0...5 V Voltage 1...5 V
Analog/digital conversion	16 bits

### Complementary

Nominal read cycle time	1 ms
Measurement error	0.1 % of full scale +/- 10 V 25 °C 0.1 % of full scale 0...10 V 25 °C 0.2 % of full scale +/- 10 V 0...60 °C 0.2 % of full scale 0...10 V 0...60 °C 0.2 % of full scale 0...20 mA 25 °C 0.2 % of full scale 0...5 V 25 °C 0.2 % of full scale 1...5 V 25 °C 0.2 % of full scale 4...20 mA 25 °C 0.4 % of full scale 0...20 mA 0...60 °C 0.4 % of full scale 0...5 V 0...60 °C 0.4 % of full scale 1...5 V 0...60 °C 0.4 % of full scale 4...20 mA 0...60 °C
Isolation between channels and bus	1000 Vrms
Isolation between channels and ground	1000 Vrms
Isolation between channels	Common point
Common mode between channels	None
Input overvoltage protection	-15...15 V at state 0 250 Ohm -30...30 V at state 1 250 Ohm
Electrical connection	1 connector SUB-D 25
Overcurrent	-30...30 MA at state 1 250 kOhm
Marking	CE
Current consumption	500 mA at 5 V DC
Module format	Standard
Net weight	0.33 Kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Standards	IEC 1131
Product certifications	BV LR ABS RINA RMRS GL DNV
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating altitude	0...2000 m
Protective treatment	TC
IP degree of protection	IP20
Pollution degree	2

## Contractual warranty

Warranty	18 months
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Product Life Status : **Post commercialisation**

## TSXAEY420 may be replaced by any of the following products:



**BMXAMI0410**

Qty 1

Reason for Substitution: End of life | Substitution date: 30 Jun 2018 |



**BMXAMI0410**

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Dec 2018 |



**BMXAMI0410**

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Dec 2018 |