

Disclaimer. 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



# TSX Micro - Thermocouples, temperature probes, high level

TSXAEZ414

Discontinued on: 31 December 2019

1 To be end-of-service on: 31 December 2027

(!) Discontinued - Service only

#### Main

| Range of product          | Modicon TSX Micro automation platform           |  |
|---------------------------|---|--|
| Product or component type | Analog input module                             |  |
| Number of channels        | 4   |  |
| Analogue input type       | High level<br>Temperature probe<br>Thermocouple |  |

#### Complementary

| Analog/Digital conversion | 16 bits  |
|---------------------------|--|
| Acquisition period        | 520 ms   |
| Temperature drift         | 0.08 %/10 °C voltage circuit<br>0.01 %/10 °C current circuit |
| Input impedance           | 10 Ohm   |
| Current consumption       | 85 mA  |
| Isolation voltage         | 500 V AC   |
| Product weight            | 0.21 kg  |

### **Packing Units**

| Unit Type of Package 1       | PCE     |
|------------------------------|---------|
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 330.0 g |
| Package 1 Height             | 5.5 cm  |
| Package 1 width              | 18 cm   |
| Package 1 Length             | 26 cm   |
| Unit Type of Package 2       | S03     |
| Number of Units in Package 2 | 8       |
| Package 2 Weight             | 3.71 kg |
| Package 2 Height             | 30 cm   |
| Package 2 width              | 30 cm   |
| Package 2 Length             | 40 cm   |
| -                            |         |

#### Offer Sustainability

| Not applicable, out of EU RoHS legal scope  |  |  |
|---|--|--|
| China RoHS declaration  |  |  |
| The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |  |  |
| =   |  |  |

## Contractual warranty

| Warranty | 18 months |  |  |
|----------|-----------|--|--|
|----------|-----------|--|--|

#### **Product data sheet**

## TSXAEZ414

Connections and Schema

#### Wiring Diagram

Positive supply probe
Shielding connection
Input + channel 0
Input + channel 1
Shielding connection
Input + channel 2
Input + channel 3
Shielding connection
Input + channel 3
Shielding connection

1 ② Negative supply probe
3 ④ Input - channel 0
5 ⑤ Shielding connection
9 Input - channel 1
9 Input - channel 2
10 ③ Shielding connection
6 ③ Input - channel 3