159.95 EUR
incl. 19% VAT, plus shipping

- LoRa
- Cortex®-M3 32-bit CPU
- 512KB Flash
- 80KB SRAM

**Support:** Datasheet | Sample Program

Agent One Industrial Controllers are offered for low power applications as well, devices controlled by STM32L series micro-controller are used for Ultra Low Power applications where you need to run the devices from batteries for years. Agent One BT range is specially designed with transistor outputs to power down external sensors when the device goes to sleep.

Agent One Industrial IoT Node Industrial IoT Node featured with multiple processor and communication options. It can be used in various applicaitons from Industrial IoT to a simple data logger. It can be ordered with ESP32-WROVER-B or with Ultra low power STM32L151xE. Industrial ESP32 Node supports LoRa, NB-IoT and WiFi communication, making it the most versatile controller on the market. Agent 1 industrial node is a programmable controller, it has built in USB communication for programming as well as diagnosis. Moreover it has user programmable RGB led and 4 individual indicators for digital inputs. We have embedded lots of useful features to make things easy for you.

- 3 Digital Inputs
- 1 RS-485 Communication
- 3 Analog inputs 0 - 10V

| Main | |
|------|------|
| Range of product | NORVI Agent 1 |
| Product type | Programmable node |
| Rated supply voltage | Standard 6 - 36V DC / Low Power : 3.3 - 6V D |
| Field of Application | Monitoring and controlling |
| Discrete Input number | 3 |
| Discrete Input Voltage | 18 - 24 V DC |

| | |
|---|---|
| Analog input number | 3 |
| Analog input range | 0 - 10V DC / 0 - 20 mA (depending on model) |
| Communication | RS-485 (applicable or BE-Series only) |
| Analog input range | 0 - 10V DC / 0 - 20 mA (depending on model) |
| Analog input controller | 16 bit with PGA ADS-1115 |
| Discrete output type | Transistor (applicable or BE-Series only) |
| Discrete output number | 2 Transistor outputs |
| Discrete output voltage | 24V DC for transistor output |
| | |
| **Complementary** | |
| Local signalling | 1 LED green for PWR<br><br>4 LED red for Digital Inputs<br><br>1 WS2812 pixel RGB Led |
| Electrical connection | Removable screw terminal block for inputs and outputs (pitch 5.08 mm) |
| Mounting support | Top hat type TH35-15 rail conforming to IEC 60715<br><br>Top hat type TH35-7.5 rail conforming to IEC 60715 |
| Height | 86.00 mm |
| Depth | 59.00 mm |
| Width | 35.00 mm |
| Product weight | 0.91 Kg |
| | |
| **Environment** | |
| Relave humidity | 10....95% without condensation in operation |
| IP degree of protection | IP20 |
| Operating altitude | 0...2000m |
| Storage altitude | 0...3000m |
| Shock resistance | 15 gn for 11 ms |
| Operating temperature | -40 to +85 ˚C |