98.95 EUR
incl. 19% VAT, plus shipping

Support: Datasheet | Brochure | Example Libaries

Expansion Module Adding functions for controllers NORVI is always about on connectivity and expandability. This is the time to make use of Expansion port of NORVI Controllers. The series of expansion modules connects to NORVI IoT controllers via its I2C and UART connections. You can add more features to the NORVI Controller without huge customizations. NORVI provides true technology with reliability for industrial applications being worlds iot hardware manufacturer. We have included NB-IoT, LoRa and analog modules as expansions.

- 2 channel thermocouple interface
- temperature readouts with 0.25′C resolution
- I2C Interface with controller
- Versions Available for Most Common

Thermocouple Types: K-, J-, N-, T-, S-, R-, and E-Type

- Detects Thermocouple Shorts to GND or VCC
- Detects Open Thermocouple
- Allows readings as high as +1800°C and as low as -270°C

Main	
Range of product	NORVI Expansion

Product type	Expansion Module - NORVI-EX-TEX01
Rated supply voltage	12 - 24V DC
Field of Application	Temperature measurement
Applicable Devices	NORVI IIOT / NORVI Arita
Aquistition	Thermocouple K-, J-, N-, T-, S-, R-, and E-Type
ADC Chip	MAX31855
Module Address	I2C via SC18IS602B
Resolution	0.25' C
Complementary	
Local signalling	1 LED green for PWR
Electrical connection	Removable screw terminal block for inputs and outputs (pitch 5.08 mm)
Mounng support	Top hat type TH35-15 rail conforming to IEC 60715 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	0.12 Kg
Environment	
Relave humidity	10 ...95% without condensation in operation
IP degree of protecon	IP20
Operating altitude	0...2000m
Storage altitude	0...3000m
Shock resistance	15 gn for 11 ms
Operating temperature	-40 to +85 'C
Analog Module communication	
Module Type	MAX31855
Communication	I2C
Module Address	0x48
Command set	nps://norvi.lk/forums/