

NANO

Analog Input



Applications:

- Current loop measurement: 4-20mA or 0-20mA
- Voltage measurement: 0-5V or 0-10V
- Remote parameter monitoring - the device can send an exceeded threshold notification to other Inveo devices, enabling remote control of devices depending on measured values

Characteristics:



- Preview of measured parameters on the module's webpage.
- Converts the measured value to specified units with the use of the automatic conversion function.
- Possibility to set the measurement range and units of the connected sensor.
- LAN or RS-485 (Modbus RTU) communication.
- Built-in webpage and HTTP GET, Modbus TCP, Modbus RTU, SNMP, MQTT, TCP communication protocols support.

Technical characteristics

Power supply	PoE: 33-57V IEEE 802.3af	DC: 12-24V, 3,5mm screw terminal
Power consumption	Max. 1,5W	
Input	Software-configured analogue input	Current or voltage input
	Measurement frequency: 4Hz	Converter resolution: 17bit
Current input parameters	Measurement range: 0-20mA or 4-20mA	Input impedance: 1R
	Measurement error: <0,8%	
Voltage input parameters	Measurement range: 0-5V lub 0-10V	Input impedance: 60k
	Maximum input voltage: 12V	Measurement error: <0,5%
Communication	Ethernet 10Mbps, RJ45 port	RS-485 port, Modbus RTU
	Parity: None, Odd, Even, Mark, Space, 2 Stops	Transmission speed: 1200-57600bps
Enclosure	IP rating: IP30	
Operating temperature	From -10°C to +55°C	

Version	Catalogue number
Nano Analog Input	NN-0001-08D1-00