

# inos\_EA80

## Analog Input Module



### Features

- 8 Channel 4-20mA/0-10V, 16-bit ADC
- Provision to set Parameter Range, High and Low set points for each channel
- Compact Din rail Mounting
- MODTCP & Modbus RTU RS485
- Modular Architecture
- Rugged Durability
- LED Indication for RS485 Communication
- Field signal indication for current inputs

### Use Cases

- Process Automation
- Automotive Industry
- Retrofit old machines with new devices
- Building Automation
- Sub-station Automation
- Input to Output Expansion / Integration
- Process Optimization

### Specifications

#### Power

- Operating Voltage 24 VDC
- Power Consumption Maximum 5 Watt

#### Analog Inputs

- Analog Inputs 08 Channel 4 - 20mA / 0 - 10V
- ADC resolution 16-bit
- ADC accuracy 0.1 % FS
- Isolation Type Isolated(2KV) Analog to Digital

#### Data Connectivity

- Connectivity Supported Ethernet RJ45, Isolated RS485 2 wire
- Protocol Supported ModTCP, Modbus RTU
- Watchdog Timer System (5 Sec)

#### Environmental

- Operating Temperature 0 °C to + 70 °C
- Storage Temperature -40 °C to + 85 °C
- Operating Humidity 0 to 95% (non-condensing)

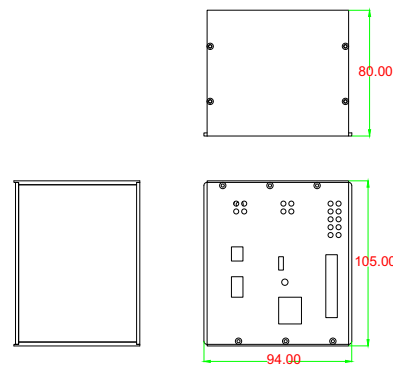
### Pin Mapping

+	24V_VCC	1	Analog Input 01
-	24V_Ground	2	Analog Input 02
		3	Analog Input 03
		4	Analog Input 04
A	RS485 A	5	Analog Input 05
B	RS485 B	6	Analog Input 06
G	RS485 G	7	Analog Input 07
		8	Analog Input 08
		G	Ground
		G	Ground

### Mechanical

- Dimensions (mm) 94.0(L) X 105.0(W) X 80.0(H)
- Enclosure Aluminum HE30
- Weight 650g

### Mechanical Dimensions



### Application

