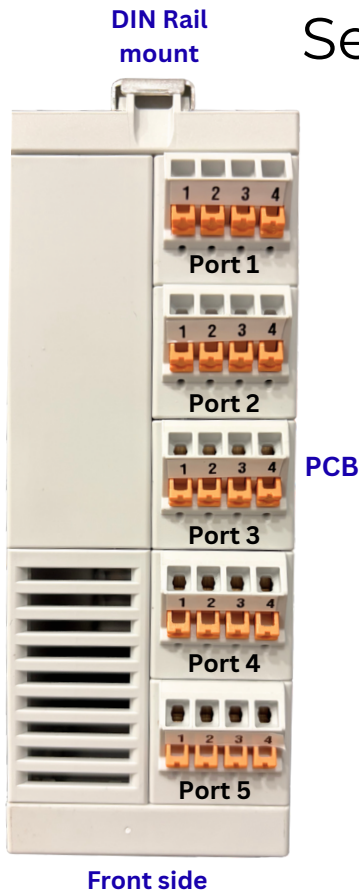


Sensor connection diagram



Port 1 available protocols:

- **4-20mA**: Pin 1 - GND , Pin 2 - 24V, Pin 3 - ADC, Pin 4 - ADC;
- **I2C**: Pin 1 - GND, Pin 2 - 3V3, Pin 3 - I2C_SCL, Pin 4 - I2C_SDA;

Port 2 available protocols:

- **4-20mA**: Pin 1 - GND , Pin 2 - 24V, Pin 3 - ADC, Pin 4 - ADC;
- **I2C**: Pin 1 - GND, Pin 2 - 3V3, Pin 3 - I2C_SCL, Pin 4 - I2C_SDA;

Port 3 available protocols:

- **4-20mA**: Pin 1 - GND , Pin 2 - 24V, Pin 3 - ADC, Pin 4 - ADC;
- **Thermocouple**: Pin 1 - N/A, Pin 2 - N/A, Pin 3 - TERMO_C-, Pin 4 - TERMO_C+;

Port 4 available protocols:

- **4-20mA**: Pin 1 - GND , Pin 2 - 24V, Pin 3 - ADC, Pin 4 - ADC;
- **Thermocouple**: Pin 1 - N/A, Pin 2 - N/A, Pin 3 - TERMO_C-, Pin 4 - TERMO_C+;

Port 5 available protocols:

- **CAN**: Pin 1 - GND, Pin 2 - 24V, Pin 3 - CAN_L, Pin 4 - CAN_H;
- **I2C**: Pin 1 - GND, Pin 2 - 3V3, Pin 3 - I2C_SCL, Pin 4 - I2C_SDA;



Power Supply:

- Pin1 - GND , Pin 2 - GND, Pin 3 - 24V, Pin 4 - 24V

Port Ethernet

Port 6 available protocols:

- **SPI**: Pin 1 - GND, Pin 2 - 5V, Pin 3 - SPI_CLK, Pin 4 - SPI_MOSI
- **UART**: Pin1 - GND, Pin 2 - 5V, Pin 3 - UART_TX, Pin 4 - UART_RX

Port 7 available protocols:

- **SPI**: Pin 1 - GND, Pin 2 - 5V, Pin 3 - SPI_NSS, Pin 4 - SPI_MISO
- **UART**: Pin 1 - GND, Pin 2 - 5V, Pin 3 - UART_TX, Pin 4 - UART_RX