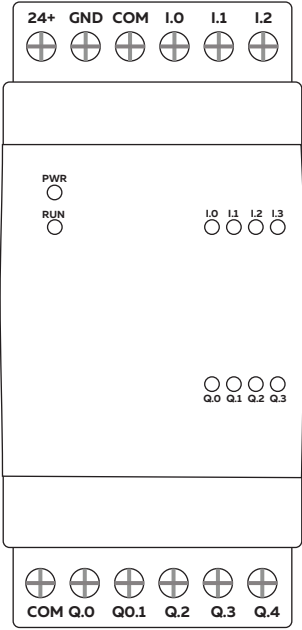


HEIMER

industry 4.0



Sensor transmitter module
STM-PM-1000A

Inputs

1 x 0 - 10V DC

1 x 4 - 20mA DC

1 x Digital Switch Input

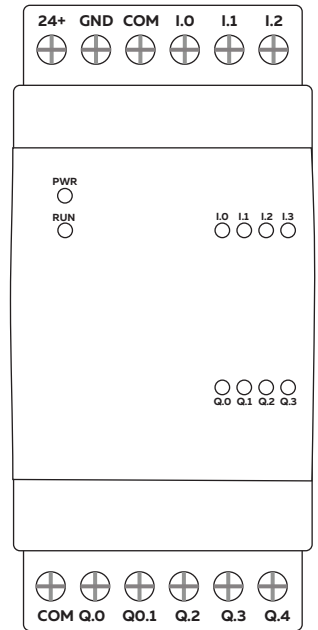
1 x Digital Counter Input

Communication

2.5Ghz WiFi

Configuration and Setup

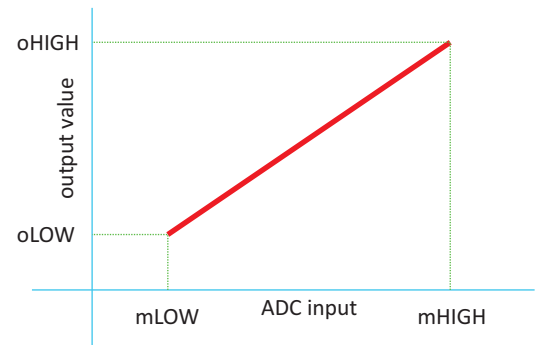
Online via HEIMER Portal



Data acquisition channels

Analog Input Scaling

Measurement range	16 bit 0 - 65635
Scaled output range	0 - 99999
Measurement Low	mLOW
Measurement High	mHIGH
Output Low	oLOW
Output High	oHIGH



Following table shows the data that can be aquired by analog inputs of the aquisition module

Parameter	Aquisition method	Compatible sensor
Production Speed Tank Level Flow Rate Pressure	Analog value reading 0 - 10 V DC 4 - 20 mA DC	Analog output from Drives Analog output from potentiometers Analog output from Sensors

Main

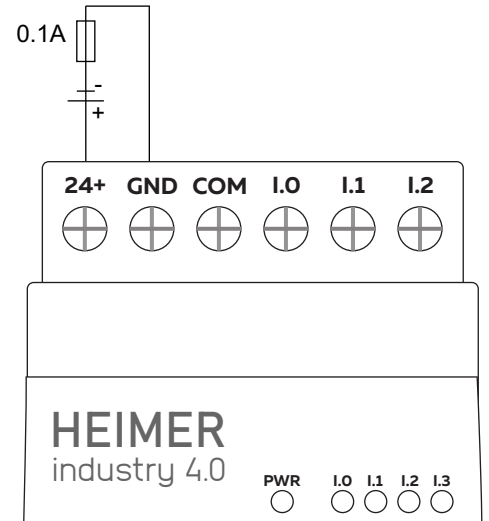
Range of product	HEIMER MMI
Product type	Aquisition Node
Rated supply voltage	Standard 6 - 36V DC / Low Power : 3.3 - 6V DC
Field of Application	Monitoring and controlling
Discrete Input number	3
Discrete Input Voltage	18 - 24 V DC
Analog input number	3
Analog input range	0 - 10V DC / 0 - 20 mA (depending on model)
Communication	WiFi 2.5 Ghz

Complementary

Local signalling	1 LED green for PWR 4 LED red for Digital Inputs 1 RGB LED Status Indicator
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 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	0.17 Kg

Power supply wiring

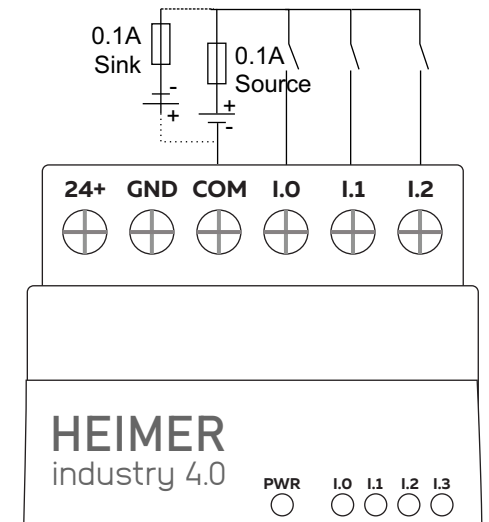
Device can be powered with 6 ~ 24V DC power



Digital inputs wiring diagram

I.0 can be configured as Counter via HEIMER Portal

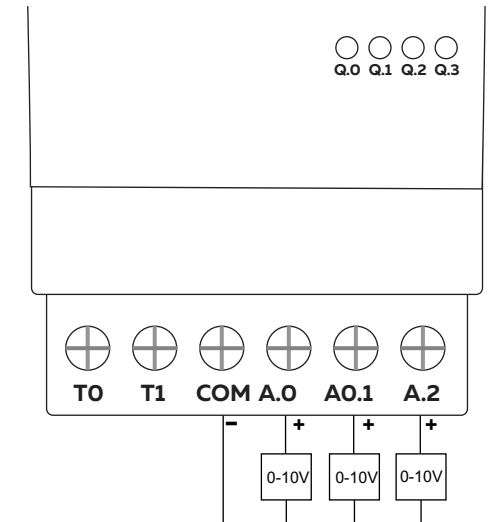
I.1 / I.2 can be configured as Fault inputs via HEIMER Portal



Analog inputs wiring diagram

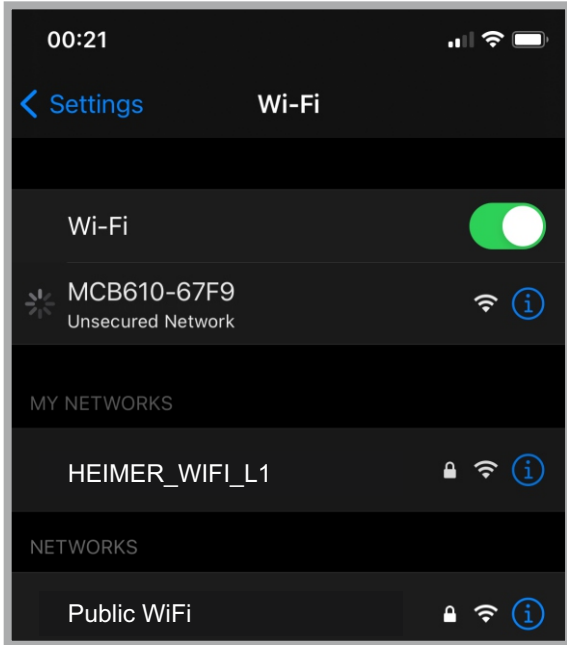
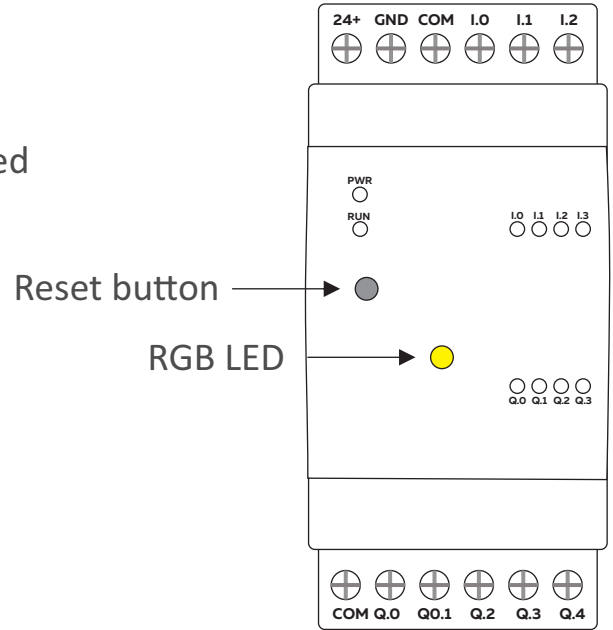
A.0 can be configured as Speed input

A.1 and A.2 can be configured as axilary parameters



Connecting to WiFi access point

1. Power down the device
2. Press and hold the reset button
3. Power up the device while the reset button is pressed
4. Wait for the RGB LED to shuffle through R > G > B three times



5. Scan for WiFi devices on the mobile device
6. Connect to the WiFi device starting from MCB610

7. A popup page should appear once you successfully connect to the device
If the popup doesn't appear, manually log into 192.168.4.1 via mobile browser



8. Select configure WiFi

[ICONIC DEVICES \(PVT\) LTD](#) 🔒 100%
[SLT 5926](#) 🔒 44%

DEVICE MAC :- [A4CF1243B610]

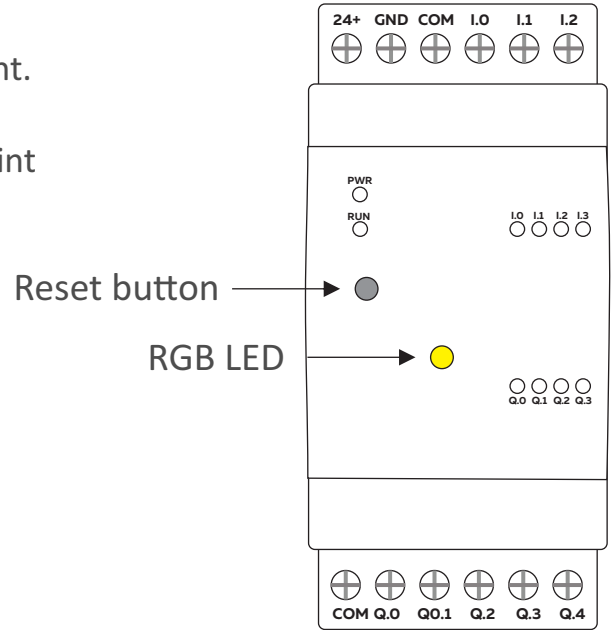
[SCAN](#)

9. Select the WiFi access point name that the device should connect to and enter the password of the access point.

10. Click Save

Once the WiFi credentials are saved.
The device restarts itself and connects to the access point.

Once the device successfully connects to WiFi access point
The RGB LED turns Green ●



You can create a new account with HEIMER portal
or connect the device to the existing account to configure the device and view the data.

For registering the device visit portal.edgefactory.io and follow instruction on the web.



HEIMER

industry 4.0

Reach-Us

Technical Support

E-mail : support@edgefactory.io
Forum : www.edgefactory.io/forums/

Sales Inquiries

E-mail : sales@edgefactory.io
Web : www.edgefactory.io/support/

Order Online

www.edgefactory.io