

HS100

11C300000

G2 DIN rail interface module for all TriOS G2 sensors

G2 interface with WiFi for DIN rail mounting (45 mm wide) for all digital TriOS sensors with G2 interface; WiFi interface (on/off switchable), (RS-485) Modbus RTU and Modbus TCP/IP.

Input voltage: 24 VDC ($\pm 10\%$)

Benefits

- Open Modbus RTU communication
- For all digital TriOS sensors
- Low-cost alternative to analog measuring points
- WiFi for communication via web browser



Technical Specifications

ENERGY SUPPLY

Voltage supply	24 VDC ($\pm 10\%$)
Power consumption	typical: 2.5 W

SENSOR INTERFACES

Connection	1x M12 plug for TriOS G2 sensors.
Standard	RS-485
Protocol	Modbus RTU
Analog interfaces	No
Switch input/output	No
Relay outputs	No
Compressed air cleaning	No

MODBUS RTU

Client RTU	Yes (connected to the sensor)
Parameter	Adjustable (default: 9600-8-N-1)

MODBUS TCP

Server TCP	Yes
TCP port	Adjustable (default: 502)

NETWORK/USB

Standard	Ethernet, WiFi IEEE 802.11b/g/n
Connection	2 x RJ-45, external WiFi antenna (SMA)
Protocol	TCP/IP, Modbus TCP
Web Interface	Yes
USB	No
Data storage	No

DISPLAY

Display	No
LED	4 x status LED

AMBIENT

Operating temperature	0...+40 °C	~ +32 °F to +104 °F
Storage temperature	-20...+70 °C	~ -4 °F to +158 °F
Relative air humidity	0...95 % (non-condensing)	
Protection type	IP20	NEMA 1

MECHANICS

Dimensions	45 x 99 x 119 mm	~ 1.8" x 3.9" x 4.7"
Weight	0.25 kg	~ 0.5 lbs
Materials	Housing: polyamide (PA) Front panel: acrylic glass (PMMA)	