



Translates the Modbus protocol for the OTT ecoN nitrate sensor

The OTT ecoN converter translates the Modbus protocol for the OTT ecoN nitrate sensor.

Be continuously informed

Receive continuous information on the current operation mode and power supply, thanks to the converter's four status LEDs.

Enjoy remote configuration

The converter can be used to control measurements with the G2 sensors and wiper cleaning cycles. The Ethernet interface also allows you to export data and sensor configuration via the web interface.

Access data remotely with ease

The SDI-12 converter allows you to access your data by acting as an interface between your OTT ecoN sensor and the SDI-12 interface of the peripherals.

EXTERNAL POWER SUPPLY

| | |
|--------------|------------------------------|
| Power supply | 12...24 VDC (± 10 %) |
| Terminal | 1.5 mm ² - AWG 16 |

SDI-12 INTERFACE

| | |
|------------------------------|----------------------|
| Power supply | 10...24 VDC (± 10 %) |
| Power consumption in standby | < 20 mW |
| Protocol | SDI-12 |

WIPER INTERFACE

| | |
|---------------------|------------------------------|
| Connection terminal | 1.5 mm ² - AWG 16 |
| Standard | W55 Wiper |

Technical Data

OTT ecoN Modbus to SDI-12 Converter



| SENSOR INTERFACE | |
|---------------------|------------------------------|
| Connection terminal | 1.5 mm ² - AWG 16 |
| Standard | RS485 |
| Protocol | Modbus RTU |

| NETWORK* | |
|------------|----------|
| Standard | Ethernet |
| Connection | RJ45 |

| AMBIENT | |
|------------------------------|------------------------------------|
| Temperature range, operating | ~ +32 °F to +104 °F / 0...+40 °C |
| Temperature range, storage | ~ +14 °F to +158 °F / -10...+70 °C |
| Relative air humidity | 0...95 % (non-condensing) |
| Protection type | IP30 / NEMA 1 |

| DISPLAY | |
|---------|-------------------|
| LED | 4x RGB Status LED |

| MECHANICS | |
|----------------------------------|----------------------------------------------|
| Housing material | PVC, Perspex |
| Dimensions (L x W x H) | ~ 4.7" x 3.2" x 1.8" / 120 mm x 80 mm x 45mm |
| Weight | ~ 0.6 lbs / 250 g |
| Maintenance effort | - |
| Calibration/maintenance interval | - |
| System compatibility | SDI-12 |
| Warranty | 1 Year (EU & US: 2 Years) |