Applications

Nutrient Monitoring
Water Quality
Surface Water
Lake & Reservoir
Stream Gaging
Groundwater
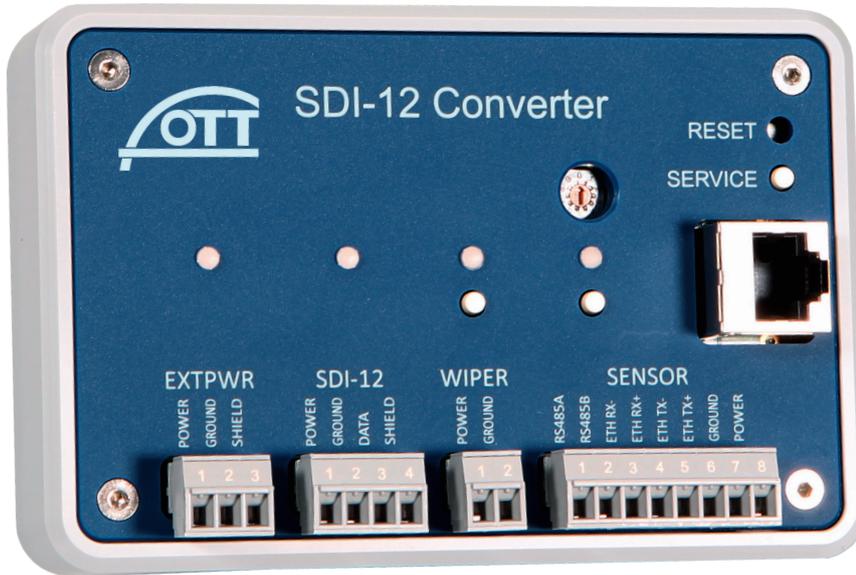
OTT ecoN Modbus to SDI-12 Converter

Translates the Modbus protocol for the OTT ecoN nitrate sensor

Low standby power of < 20 mW to operate with just a battery

Four status LEDs for current operation mode and power supply info

Ethernet interface allows for data export and sensor configuration via web interface

Controls measurements with G2 sensors and wiper cleaning cycles

Three modes for Sensor Scan, Wiper Cleaning, and Service Mode

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.

a brand of **OTT HydroMet**

Technical Specifications

	Feature	Value	
EXTERNAL POWER SUPPLY	**Power supply**	12…24 VDC (± 10 %)	
	Terminal	1.5 mm²	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 mm²	AWG 16
	Standard	W55 Wiper	
SENSOR INTERFACE	**Connection terminal**	1.5 mm²	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)	

* Only available if the connected sensor has an Ethernet interface.