

## ENERGY LOGGER D550

**Weidmüller Interface GmbH & Co. KG**

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Measuring instruments with a simple SO interface are widespread. However, they do not allow measured values to be passed directly into the internal network – so, until now, a gateway was required for each measuring instrument.

With the Energy Logger D550, pulse signals from up to 15 measuring instruments can be collected, saved and forwarded via a LAN interface.

The particularly compact Energy Logger D550 is the cost-effective solution to simplify and accelerate collection and forwarding of consumption and process data.

### General ordering data

Type	ENERGY LOGGER D550
Order No.	<a href="#">2425520000</a>
GTIN (EAN)	4050118433333
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Width	107.5 mm	Width (inches)	4.232 inch
Height	90 mm	Height (inches)	3.543 inch
Depth	46 mm	Depth (inches)	1.811 inch
Net weight	200 g		

## Temperatures

Humidity at operating temperature	5...95 % RH	Operating temperature, max.	55 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	70 °C
Storage temperature, min.	-40 °C	Operating temperature	-40 °C...55 °C
Storage temperature	-40 °C...70 °C		

## Communication

Interface	Protocol	Modbus RTU, Modbus-Gateway, Modbus TCP/IP, Modbus RTU over Ethernet, SNMP
	RS485: 9,6 – 115,2 kbps, Ethernet	

## Inputs/outputs

Number of digital inputs	15	Number of digital outputs	3
Number of pulse outputs	3	Temperature input	Yes

## Measurement data recording

Memory; minimum and maximum values	Yes	Memory size	32 MB
Software	ecoExplorer go®		

## Technical data

Standards	DIN EN 61326-1, DIN EN 61000-4-2, DIN EN 61000-4-3, DIN EN 61000-4-4, DIN EN 61000-4-5, DIN EN 61000-4-6, EN 61000-4-11, IEC 61010-1, IEC 61010-2-030, EN 55011	Surge voltage category	300 V CAT III
Voltage supply	20 - 250 V AC, 20 - 300 V DC20 - 300 V DC	Operating-hours counter	Yes

## Classifications

ETIM 5.0	EC001102	ETIM 6.0	EC002301
UNSPSC	39-12-15-35	eClass 6.2	27-20-03-90
eClass 7.1	27-37-18-90	eClass 8.1	27-37-18-90
eClass 9.0	27-14-23-30	eClass 9.1	27-21-03-01

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**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**Approval/Certificate/Document of  
Conformity[EU-Declaration of Conformity](#)

Software

[MODBUS address list](#)  
[Unix - ecoExplorer go](#)  
[Win32 - ecoExplorer go](#)  
[Linux64 - ecoExplorer go](#)  
[Linux32 - ecoExplorer go](#)

User Documentation

[Quick Guide German/English](#)  
[Manual Energy Logger D550 German/English](#)  
[Manual ECOEXPLORER GO English](#)

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**Drawings**

