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HT22IOT ENVIRONMENTAL PARAMETERS DATA LOGGER

HT22IOT10000000M0
Environmental data logger, 6Vdc



- Measurement, display and archiving of ambient temperature, relative humidity, dew point, absolute himidity, light intensity, CO2 concentration and TVOC
- Signalling if the limit values are exceeded.
- RS-485 interface with Modbus RTU protocol
- Recording of input signals in programmed time intervals

PRODUCT DESCRIPTION

Lumel's new HT22IoT data logger has been designed to measure, monitor and record environmental parameters as: temperature, humidity, light intensity, CO2 concentration and TVOC (total volatile organic compounds in the air).

It is a perfect solution for any facilities where monitoring and recording such values are very important for the accuracy of the whole process e.g.: in server rooms, drug and food warehouses, laboratories, museums or glasshouses.

The data captured by HT22IoT are stored in the internal memory and then sent digitally to the user (by the Ethernet).

In case of an emergency, the device immediately sends appropriate warnings via emails or via a website.

An additional advantage of HT22IoT is the possibility that it can be powered over the Ethernet. This feature is available in versions that are equipped with the Power over Ethernet system (PoE).

HT22IoT features:

- measurement, display and archiving of ambient temperature, relative humidity, dew point, absolute humidity, light intensity, CO_2 concentration and TVOC (total volatile organic compounds in the air).
- signalling if the limit values are exceeded.
- programming of logical alarm outputs with response to the selected input,
- real time clock
- recording of input signals in programmed time intervals
- RS-485 interface with Modbus RTU protocol
- Ethernet 10/100 BASE-T interface
    - protocols: Modbus TCP/IP, HTTP, FTP,
    - services: www server, ftp server, DHCP client, SMTP client.

Temperature and humidity monitor **HT22IoT**	X	X	XXXXXX	X	X
Supply*:					
6 V d.c.	1				
6 V d.c. , PoE IEEE 802.3af	2				
Accessories:					
none		0			
adapter 6 V d.c.		1			
Version:					
standard			000000		
custom-made**			XXXXXX		
Language:					
Polish/ English				M	
other**				X	
Acceptance tests:					
without additional quality requirements					0
with an extra quality inspection certificate					1
acc.to customer's request					X

TECHNICAL DATA

Digital interface	RS485 + Ethernet 10/100 Base T
IP class	IP20
Supply voltage	6Vdc
Weight	0.3 kg