

RTU-HTemp Display

Indoor temperature and relative humidity sensor with LCD display and Modbus/RTU.



Temperature – °C



Relative Humidity – %RH

RTU-HTemp Display is a wall-mounted indoor sensor for measuring temperature and relative humidity. It combines a local LCD display with RS-485 / Modbus RTU communication, making it suitable for direct integration into building management, HVAC and monitoring systems.

The display shows the current temperature and relative humidity values directly at the installation site. Display brightness can be adjusted remotely via a Modbus register, including the option to turn the display off.

Use with Perseus

For installations with HWg Perseus devices, RTU-HTemp Display supports automatic sensor detection and variable configuration using the UNI3 extension. This reduces installation time on site.

Daisy Chain



Installation options

RTU-HTemp Display has a plastic case that allows changing the LCD screen orientation along with the sensor probe.

This sensor has a bracket for screw montage.

LCD screen brightness can be controlled by a variable in Perseus.



Measurement	
Cable length	0 m
Galvanic isolation	×
Units converter	×
Calibrated points	×
Provided values	2

Type	
Communication interface	RTU (RS-485 Modbus-RTU)
Environment	Indoor use
Installation	On a wall
Protection	IP65
Connectors	4pin terminal block
Compatible	Perseus

Power and dimensions	
Power supply	12V (from Perseus)
Operating environment	-30 to +80 °C (-22 to +176 °F) 0% RH–100% RH
Storage environment	-40 to +85 °C (-40 to +185 °F) 0%–100% RH
Dimensions	80×189.5×38.5 mm (W × H × D)
Warranty	24 months

Measure	Range	Accuracy	Resolution	Technology
Temperature	-20 to +80 °C (-4 to +176 °F)	±0.5 °C at 25 °C (±0.9 °F at 77 °F)	0.10 °C (0.18 °F)	Semiconductor
Humidity (relative)	0–100 % RH	±5% RH at 25 °C (±5% RH at 77 °F)	0.10 % RH	Semiconductor