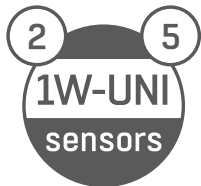


Sensors and Detectors

HW group offers more than 70 precise Sensors and Detectors for every application. The Sensors measure a continuous analog value, use only original accessories from the HW group (except Pt100 ports or 4-20mA industrial sensor Analog Inputs). Any Detector with relay output can be connected to DI (Digital Inputs) ports.



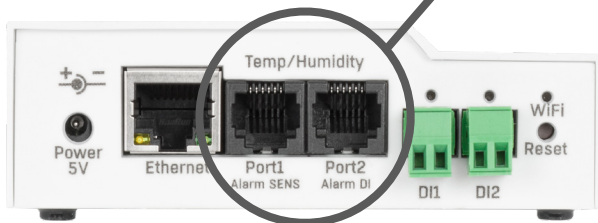
Sensor values



5 sensor values can be measured by STE2 R2 although the device has only **2 ports** (RJ11). The number of 1W-UNI sensors always indicates how many sensor values the device can measure.

5 sensor values

2 ports



1 sensor value
in 1 physical sensor
Temp-1Wire (Temperature).



2 sensor values
in 1 physical sensor
HTemp-1Wire (Relative
Humidity, Temperature).



3 sensor values
in 1 physical Sensor CO2
1W-UNI (CO₂, Temperature
and Relative Humidity).

RJ11 (1W-UNI) Sensors

Compatibility: Ares, NB-2x1Wire, Perseus, Poseidon2, STE2

1W-UNI
sensors



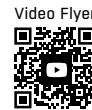
Temp-1Wire-Flat 3m

Temperature range: -30 to 60 °C,
IP67 rating



Temp-1Wire 3m calibrated

Temperature range: -10 °C to 80 °C,
accuracy: 0.3 °C



Temp-1Wire IP67

Temperature range: -10 to 80 °C,
IP67 rating, available in 1m, 3m, 10m



Temp-1Wire Pt100

Temperature range: -50 to 200 °C,
IP67 rating



Temp-1Wire Pt100 Frost

Temperature range: -200 to 160 °C,
IP67 rating



Temp-1W-UNI Pt100 Frost

Temperature range: -190 to 150 °C,
Converter 2xPt100 1W-UNI

RJ11 (1W-UNI) Sensors

Compatibility: Ares, NB-2x1Wire, Perseus, Poseidon2, STE2

1W-UNI
sensors



HTemp-1Wire-Box2

Temperature range: -10 to 80 °C,
humidity range: 0-100 % RH



HTemp-1Wire 3 m

Temperature range: -30 to 80 °C,
humidity range: 0-100 % RH



Temp HomeBox

Temperature range: -30 to +70 °C



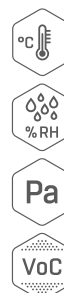
HTemp HomeBox

Temperature range: -30 to +70 °C
Humidity range: 0 to 100 % RH



Sensor CO2 1W-UNI

Temperature range: 0 to +50 °C
Humidity range: 0 to 95 % RH
CO₂ range: 300 to 40 000 ppm



Sensor THPVoc 1W-UNI

Temperature range: -30 to +70 °C
Humidity range: 0 to 100 % RH
Atmospheric range: 30 000 to 110 000 Pa
Air quality range: 0 to 60 000 ppb



Temp-1W-UNI Pt100 Cable

Temperature range: -50 to 200 °C,
Converter 2xPt100 1W-UNI



Temp-1Wire Rack19

Temperature range: -10 °C to 80 °C.
2 RJ12 connectors



HTemp-1Wire Rack19

Temperature range: -10 to 80 °C,
humidity range: 0-100 % RH



HTemp-1Wire Outdoor 3 m

Temperature range: -30 to 85 °C,
humidity range: 0-100 % RH



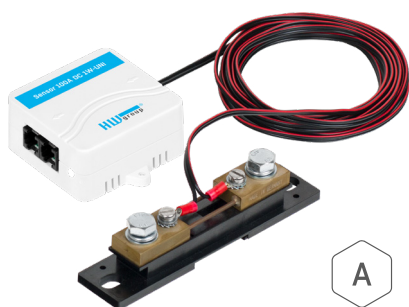
Humid-1Wire

Humidity range: 0-100 % RH, accuracy:
5 % RH, available in 1m, 3m, 10m



30A DC Current Probe 1W-UNI

Current range: 0-30 A DC



100A DC Current Probe 1W-UNI
Current range: 0-100 A DC



30A Current Probe 1W-UNI 2
Current range: 0-30 A DC



Sensor 4-20mA 1W-UNI
8-point calibration table



Sensor 0-20mA 1W-UNI
8-point calibration table



Sensor WLD Relay 1W-UNI
Up to 185 meters of water detection cable



Flood detector 1W-UNI 3m
Water flood detection in 1 spot, can be fully submerged



Sensor 230V AC 1W-UNI
Voltage range: 100-250 V AC



Sensor 60V 1W-UNI v2
Voltage range: 0-60 V DC



UPS 12V and 5V
Status info (1-Wire UNI / relay), 1,3 Ah

RJ11 (1W-UNI) Converters

Compatibility: Ares, NB-2x1Wire, Perseus, Poseidon2, STE2



Expander 4xDI 1W-UNI
4× digital inputs on 3 m cable



Converter 2xPt100 1W-UNI
External temperature probe from -200 to +850°C, 8-point calibration table



Relay Output 1W-UNI
4× relay output, supported only by HWg-Ares12 and Ares 12 LTE

RS-485 Sensors

Compatibility: Poseidon2 4002

RS-485
sensors



HTemp-485 T3411

Temperature range: -30 to 80 °C,
Humidity range: 0-100 % RH,
Dew Point range: -60 to 80 DP °C



HTemp-485 T3419

Temperature range: -30 to 105 °C,
Humidity range: 0-100 % RH,
Dew Point range: -60 to 80 DP °C



HTemp-485 Box2

Temperature range: -10 to 70 °C,
Humidity range: 0-100 % RH



Temp-485-Pt100 Box2

Temperature range: -30 to 70 °C,
IP65 rating



Temp-485-Pt100 Cable3

Probe temperature range:
-50 to 200 °C



Temp-485-Pt100 Frost2

Probe temperature range:
-190 to 150 °C



Temp-485 Box2

Temperature range: -10 to 70 °C,
IP23 rating



Spider

4× DI contacts or 4× 1-Wire to
RS-485 bus

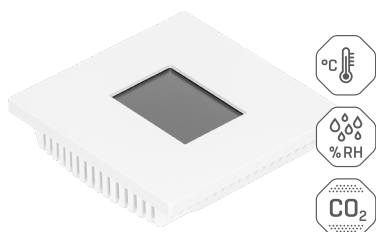


Poseidon S-Hub

8× sensors over RJ45

RS-485 RTU (Perseus)

Compatibility: Perseus



HTemp CO2 485-RTU RK-CHM-D

Temperature range: -10 to 50 °C,
Humidity range: 10-95 % RH,
CO₂ range: 400 to 10000 ppm



PHTemp-485 Modbus RTU T7410

Atmospheric pressure range: 600-1100 Pa
Temperature range: -30 to 80 °C,
Humidity range: 0-100 % RH,
Dew Point range: -60 to 80 DP °C



HTemp-485 Modbus RTU T3419

Temperature range: -30 to 105 °C,
Humidity range: 0-100 % RH,
Dew Point range: -60 to 80 DP °C

Detectors connect to DI

Compatibility: Ares, Damocles2, NB-2xIn, Perseus (except Energy 240), Poseidon2, STE2

DI
Input

Door Contact MK4
3m connection wiring



AirFlow Detector 5101
Wind speed: 1 to 10 m/s,
IP67 rating



Optical Smoke Detector FDR26
Covered space: 40 m², max. height 7m

Video Flyer



Power Detector
110 / 230 V voltage,
relay output (max. 50 V / 130 mA)



PowerEgg2
110/230 V single phase, max. load 8A



Gas Leak Detector
2 optional reactions



Vibration Detector SS14-v2
IP23 rating



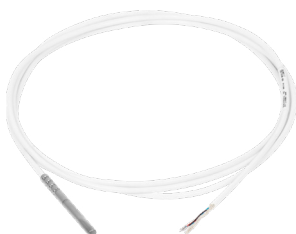
Motion PIR Detector
Recommended installation height: 2.5 m,
detection range: 120° / 12 m

Video Flyer



UPS 12 V
Status info (relay), 1,3 Ah

Accessories



Probe Pt100 TR125 2m
Temperature range: -190 to 150 °C,
IP67 rating



Probe Pt100 TG8 2m
Temperature range: -50 to 200 °C,
IP67 rating