

New sensors

We have designed new sensors, these unique sensors to protect comfortable conditions in your working and living environments. Different combinations of values for every home, office or public installation.

1-Wire

Compatibility: Ares, HWg-STE, NB 2x1Wire, Poseidon2, SD 2x1-Wire, STE2



Temp HomeBox

Temperature range: -30 to +70 °C



HTemp HomeBox

Temperature range: -30 to +70 °C

Humidity range: 0 to 100 % RH

1-Wire UNI

Compatibility: Ares, NB 2x1Wire, Poseidon2, SD 2x1-Wire, STE2 r2



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

Sensor name	Temperature	Relative humidity	Atmospheric pressure	VOC	CO ₂	Sensors values	Max. length of the 1-Wire bus
Temp HomeBox	✓	✗	✗	✗	✗	1	60 m
HTemp HomeBox	✓	✓	✗	✗	✗	2	60 m
Sensor CO ₂ 1W-UNI	✓	✓	✗	✗	✓	3	30 m
Sensor THPVoc 1W-UNI	✓	✓	✓	✓	✗	4	30 m

1-Wire UNI

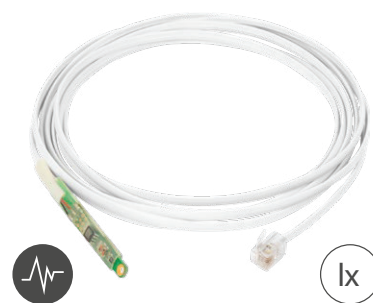
Compatibility: Ares, NB-2x1Wire, Poseidon2, SD-2x1Wire , STE2 r2



Sensor 0-20 mA 1W-UNI
8-point calibration table,
accuracy: $\pm 2\%$



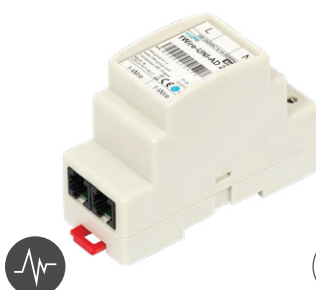
Sensor 4-20 mA 1W-UNI
8-point calibration table,
accuracy: $\pm 2\%$



Light 1Wire-UNI
Illuminance: 0-100 %
accuracy: $\pm 10\%$



Sensor WLD Relay 1W-UNI
Up to 85 meters of water detection
cable



Sensor 230 V AC 1W-UNI
Voltage range: 0-250 V AC
accuracy: $\pm 5\%$



Sensor 60V 1W-UNI v2
Voltage range: 0-60 V DC
accuracy: $\pm 2\%$



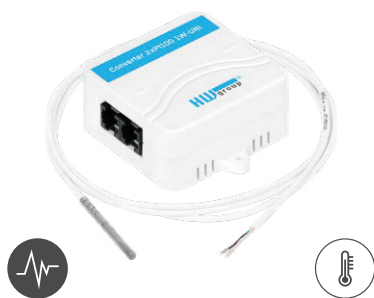
30A Current Probe 1W-UNI 2
Current range: 0-30 A DC
accuracy: $\pm 2\%$



30A DC Current Probe 1W-UNI
Current range: 0-30 A DC
accuracy: $\pm 2\%$



100A DC Current Probe 1W-UNI
Current range: 0-100 A DC
accuracy: $\pm 2\%$



Temp-1W-UNI Pt100 Frost
Temperature range: -190 to 150 °C,
Converter 2xPt100 1W-UNI



Temp-1W-UNI Pt100 Cable
Temperature range: -50 to 200 °C,
Converter 2xPt100 1W-UNI



Converter 2x Pt100 1W-UNI
Temperature range: -200 to 850 °C,
8-point calibration table



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



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



Flood detector 1W-UNI 3 m
1D water detection, can be fully submerged



Relay Output 1W-UNI
4x relay output, supported only by HWg-Ares 12/14 and Ares 12 LTE



Relay Output 1W-UNI Industrial
4x relay output, supported only by HWg-Ares 12/14 and Ares 12 LTE



1Wire Hub Power
8x 1-Wire or 1-Wire UNI bus expander



UPS 12 V and 5 V
Status info, capacity: 1,3 Ah



UPS 12 V
Status info, capacity: 1,3 Ah

M-Bus

Compatibility: HWg-PWR 3/12/25



M-Count 2C
2x pulse input (S0) / M-Bus output



Meter 1f DHZ 5/63-M-BUS
1x 230 V, 63 A



Meter 3f ED 310.DB HWG
3x 230 V/400 V, 63 A

1-Wire

Compatibility: Ares, HWg-STE, NB-2x1Wire, Poseidon2, SD-2x1Wire, STE2



HTemp-1Wire Outdoor 3 m

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



HTemp-1Wire 3 m

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



HTemp-1Wire-Box2

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



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



Temp-1Wire IP67

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



Temp-1Wire-Flat 3 m

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



Temp-1Wire 3 m calibrated

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



Humid-1Wire

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



1Wire Hub Power

8x 1-Wire or 1-Wire UNI bus expander



Temp 1Wire Pt1000

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



Temp 1Wire Pt1000 Frost

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

RS-485

Compatibility: Poseidon2 4002



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

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



Temp-485-Pt100 Frost2

Temperature range: -190 to 150 °C,
IP53 rating



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

Accessories



Probe Pt100 TR125 2 m

Temperature range: -190 to 150 °C,
IP67 rating



Probe Pt100 TG8 2 m

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

Digital Input

Compatibility: Ares, Damocles2, NB-2xIn, Poseidon2, SD-2xIn, STE2



Door Contact MK4
3 m connection wiring



Flood Detector LD-12
Spot flood detection



Sensor WLD Relay 1W-UNI
Up to 85 meters of water
detection cable



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



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



Gas Leak Detector
2 optional reactions



Vibration Detector SS14
IP23 rating



Motion PIR Detector
Recommended installation height: 2.5 m



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



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