

ABB i-bus® EIB / KNX

Weather Unit WZ/S 1.1
Weather Sensor WES/A 1.1



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Product overview

WZ/S 1.1



- Weather Unit, 1-fold, MDRC (4 TE)
- Auxiliary voltage and data interface for sensor supply
- Programming-button/LED
- Bus connection terminal
- Power supply

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Product overview

WES/A 1.1

3x Brightness

(0...99.000 Lux)

1x Temperature

(-30...+50 C°)

1x Twilight

(0...999 Lux)

1x Day / Night

Night = below 10 Lux

Day = over 10 Lux

1x Rain

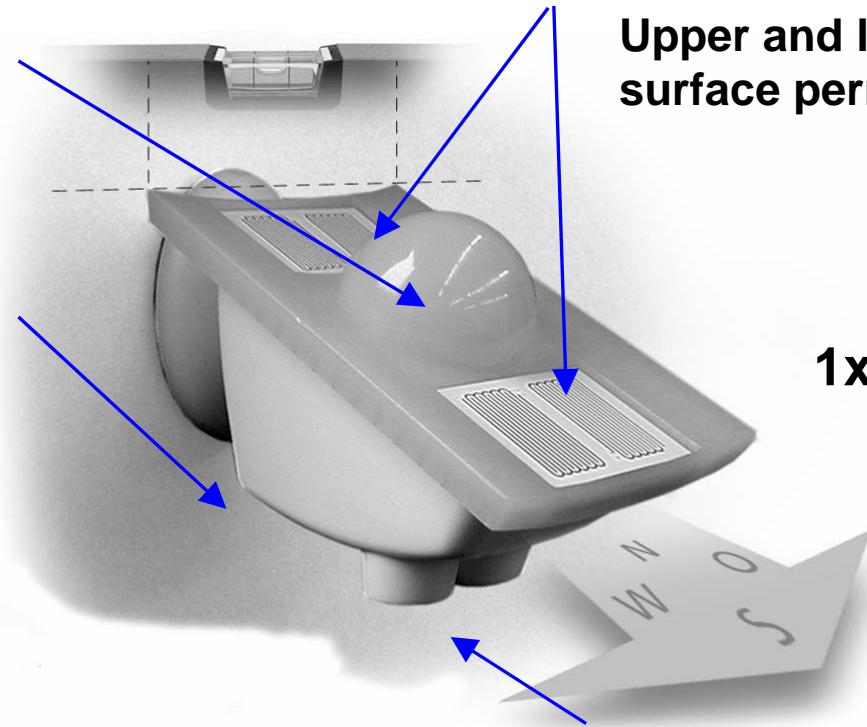
Upper and lower sensor
surface permanently heats

1x Radio controlled
(DCF77)

(Date, time)

1x Wind (automatically heated)

(0...24 m/s)



- Registration and processing of 9 different data (3 x brightness, rain, wind, temperature, twilight, day/night, date/time (DCF radio receiver))
- Integrated power supply to provide the Weather Sensor (over 115...230 V AC)
- 4 wires cable (max. 100 m) line type between Weather Unit and Weather Sensor PYCYM (2x2x0.8mm) or J-Y (ST) Y (2x2x0.8mm)
- Permutation of the connections does not lead to the destruction of the devices

- Measured value visible as
1-bit [0/1] or
2-byte [floating point]
- No individual adjustment of sensors necessary
- Threshold value:
2 each input with upper and lower limit /
threshold value modified via the bus
- Logic AND / OR, 4 inputs, invertible
- Memory with 24 values / storage each takes place in
the FiFo principle (ring puffer)

- Minimum duration underflow and over range adjustable
(If the send communication reverts during the minimum duration, no telegrams are sent)
- Offset temperature +/- 5 °C

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