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|---|-----------------|--------------|------|
| Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other) | | Nr - No. | |
| Sara Hedfors | | POL-08:223 | |
| Dokansv/Godk - Doc respons/Approved | Kontr - Checked | Datum - Date | Rev |
| | | 2008-07-24 | A |
| | | | File |

USAGE

Wi10/6-7 is a professional weather information sign with 6 different fields showing barometric pressure, temperature, relative humidity, rainfall duration, wind speed and wind direction.

The purpose of Wi10/6-7 is to automatically show local weather information.

Option: one clock-field, 4 characters: xx:xx. The time is set automatically with GPS.

CHARACTERS

Wi10/6-7 have characters consisting of 7 segments each. Character height is 10 cm. Viewing distance approx 40 meters.

LIGHT-EMITTING DIODES

Wi10/6-7 have 6 high brightness AlInGaP LEDs (type 1700 mCd) per segment. The viewing angle is horizontal 70° and vertical 35°. Standard colour is amber, 591 nm.

Optional colours: red, green, blue or white

LIGHT CONTROL

Wi10/6-7 have automatic continuous adjustment of light intensity, enabling optimal visibility both day and night.

WEATHER INFORMATION

Wi10/6-7 receive it's weather information from a external profesional weather transmitter.
Dimensions: 272 mm high, 127 mm diameter.

Barometric pressure

The information is represented by 4 characters, xxxx hPa. The barometric pressure is measured in the range 600 - 1100 hPa, with the accuracy $\pm 0,5$ hPa at 0°C - +30°C, and ± 1 hPa at -52°C - +60°C.

Temperature

The information is represented by 3 characters, $\pm xx$ °C. The temperature is measured in the range -52°C - +60°C, with the accuracy $\pm 0,3$ °C at 20°C.

Relative humidity

The information is represented by 3 characters, xxx %. The relative humidity is measured in the range 0% - 100%, with the accuracy $\pm 3\%$ at 0 - 90%, and $\pm 5\%$ at 90 - 100%.

Rainfall duration

The information is represented by 3 characters, xxx mm/h. The rainfall duration is measured in the range 0 - 200 mm/h.

Wind speed

The information is represented by 2 characters, xx m/s. The wind speed is measured in the range 0 - 60 m/s, with the accuracy $\pm 3\%$ at 0 - 35 m/s, and $\pm 5\%$ at 36 - 60%.

Wind direction

The information is represented by a graphic arrow, possible in 8 different directions corresponding to the cardinal points N, NE, E, SE, S, SW, W and NW.

PRINTED TEXTS

Printed texts can be adjusted to the desires of the customer (font, textcolour etcetera). There are also room for logotype or such.

SPECIFICATION

Product: Wi10/6-7

Dimensions: 1050x650x105 mm

Power: 230 V AC

Power consumption: 220 Volt, maximum 75 VA.

Housing: Extruded aluminum, possible in RAL colours

Delivery: Ready for use, external calibrated weather transmitter enclosed with the sign.

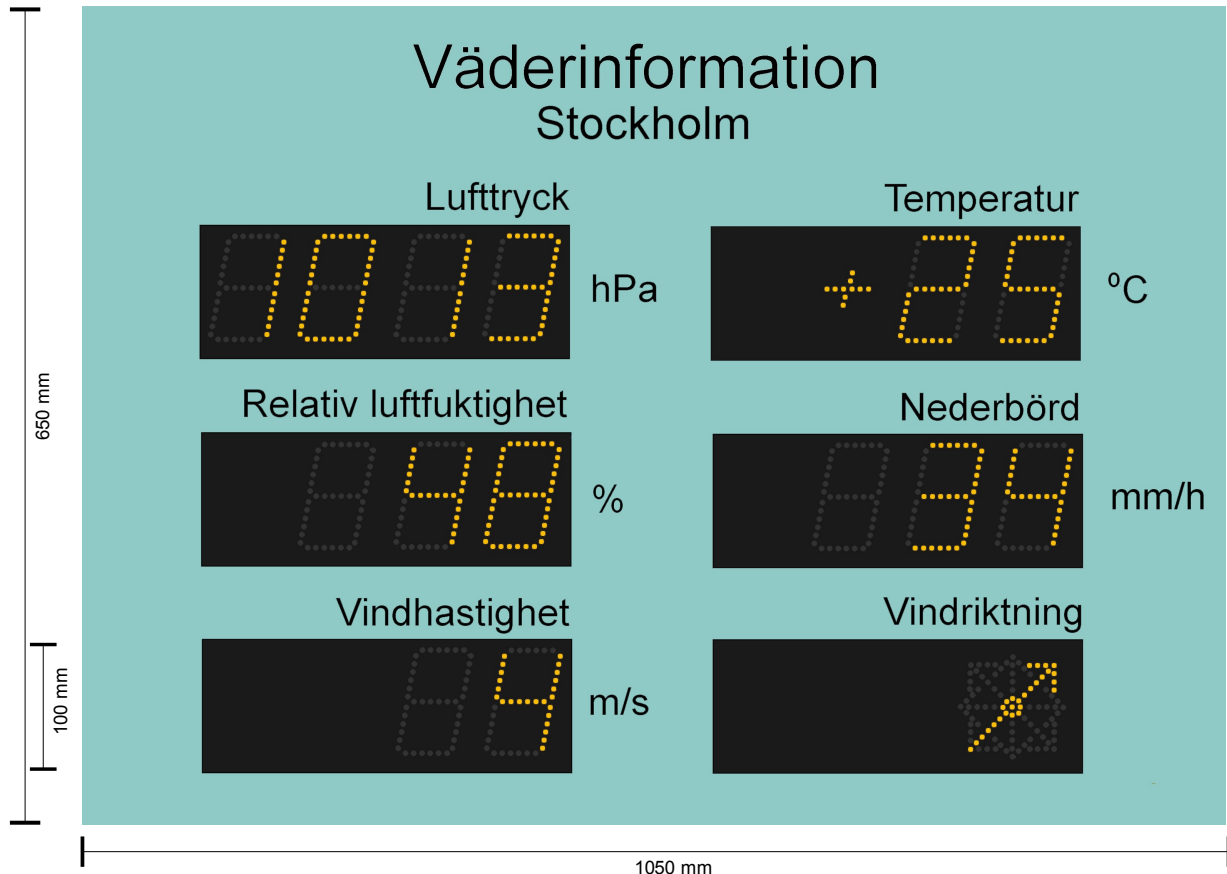
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Sketch Wi10/6-7



External weather transmitter

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