

Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)		Nr - No.		
Sara Hedfors		POL-08:105		
Dokansv/Godk - Doc respons/Approved	Kontr - Checked	Datum - Date	Rev	File
Thomas Hedfors	TH	2008-07-22	A	

USAGE

TT100/4 7-segment is a time and temperature sign, 4 characters long and with 100 cm character height. Digits and colon (:), plus sign (+), minus sign (-) and degree symbol (°) can be shown.

The purpose of TT100/4-7 is to automatically show time and temperature.

CHARACTERS

4 characters consisting of 7 segments each. Character height is 100 cm. Viewing distance approx 400 meters.

LIGHT-EMITTING DIODES

TT100/4-7 have 198 high brightness AlInGaP LEDs (type 1700 mCd) per segment. The viewing angle of the diods is horizontal 70° and vertikal 35°. Standard colour is amber, 591 nm.

Optional colours: red, green, blue or white

LIGHT CONTROL

TT100/4-7 have automatic continuous adjustment of light intensity, enabling optimal visibility both day and night.

TEMPERATURE

A temperature sensor is enclosed with the TT100/4-7. The sensor, pre-calibrated, gives accurate temperatures between -55°C och +85°C (accuracy ±0,5°C at -10 to +85 °C). Maximum cable-length between sensor and sign is 25 meters.

TIME

TT100/4-7 have a battery operating clock, providing protection against power failure during at least the first 5 years. Set the time with buttons, automatically with GPS or with PC (via RS232/POLNET port or Ethernet 10Base-T / 100Base-TX).

With GPS, the change between daylight-saving time and wintertime is done automatically.

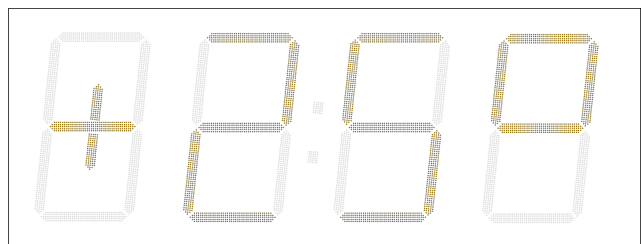
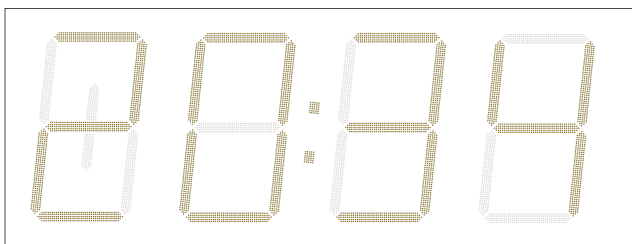
PC and RS232 port: maximal distance 25 meters, POLNET port: maximal distance 2500 meters.

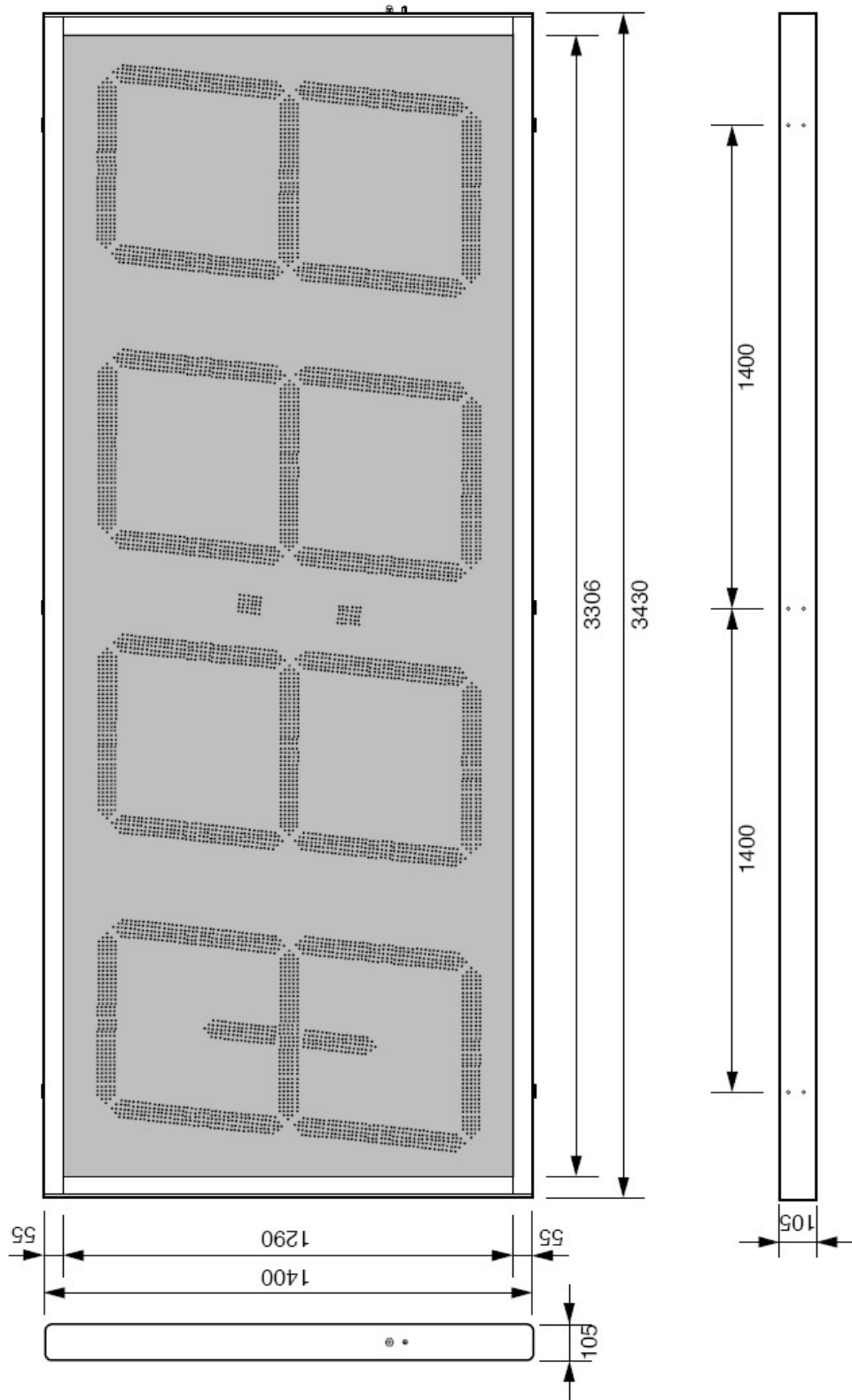
MOUNTING

TT100/4-7 can be mounted easily with 12 M8 bolts on the top and bottom of the sign.

SPECIFICATION

Product: TT100/4-7
 Dimensions: 3430x1400x105 mm
 Power: 230 V AC
 Weight: approx 90 kg
 Output connections at the right side of sign
 Power consumption: 220 Volt, maximum 430 VA
 Housing: Extruded black aluminum
 Delivery: Ready for use, temperature sensor enclosed with the sign.





Fästpunkter: 12 st M8 nitmuttrar i överkant och underkant