

Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)		Nr - No.		
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Dokansv/Godk - Doc respons/Approved	Kontr - Checked	Datum - Date	Rev	File
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**USAGE**

TT20/4 7-segment is a time and temperature sign, 4 characters long and with 20 cm character height. Digits and colon ( : ), plus sign ( + ), minus sign ( - ) and degree symbol ( ° ) can be shown.

The purpose of TT20/4-7 is to automatically show time and temperature.

**CHARACTERS**

4 characters consisting of 7 segments each. Character height is 20 cm. Viewing distance approx 80 meters.

**LIGHT-EMITTING DIODES**

TT20/4-7 have 16 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**

TT20/4-7 have automatic continuous adjustment of light intensity, enabling optimal visibility both day and night.

**TEMPERATURE**

A temperature sensor is enclosed with the TT20/4-7. 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**

TT20/4-7 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.

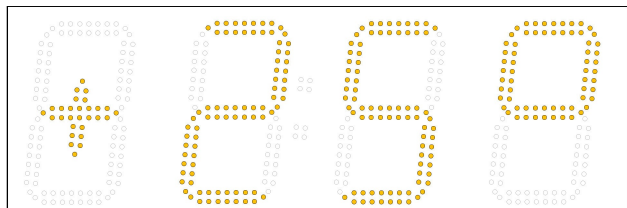
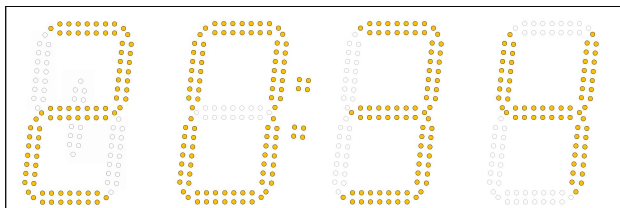
PC and RS232 port: maximal distance 25 meters, POLNET port: maximal distance 2500 meters.

**MOUNTING**

TT20/4-7 can be mounted easily with 4 M8 bolts on the top and bottom of the sign.

**SPECIFICATION**

Product: TT20/4-7  
 Dimensions: 800x335x90 mm  
 Power: 230 V AC  
 Weight: approx 10 kg.  
 Output connections at the right side of sign.  
 Power consumption: 220 Volt, maximum 35 VA  
 Housing: Extruded black aluminum  
 Delivery: Ready for use, temperature sensor enclosed with the sign.

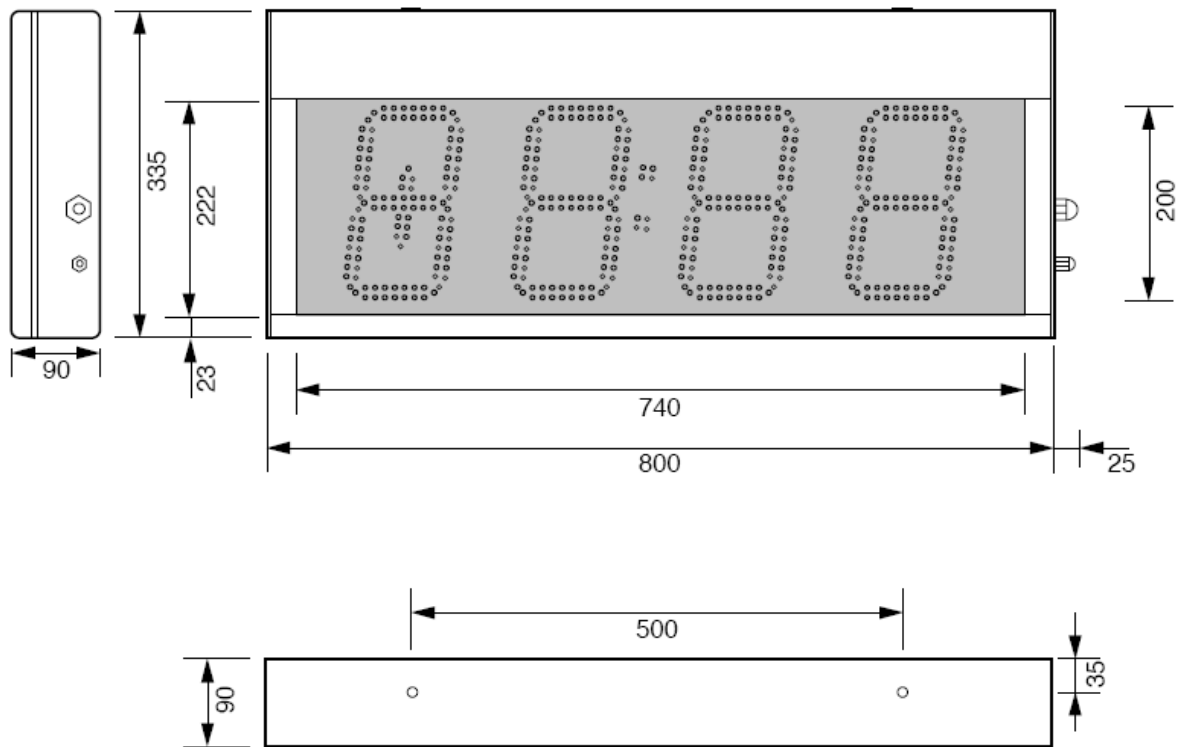


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Fästpunkter: 4 st M8 nitmuttrar i överkant och underkant