

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
Thomas Hedfors	TH	2008-07-22	A
			File

USAGE

TT 20/4 is a time and temperature sign, 4 characters long and with 20 cm character height.

Option: other number of characters possible.

The purpose of TT 20/4 is to show time, temperature and also text (easily written and updated with IR keyboard, PC or POLNET network.).

CHARACTERS

Text area 595x200 mm. 4 characters (each character 5x7 pixel matrix). Viewing distance approx. 80 metres.

LIGHT-EMITTING DIODES

TT 20/4 have 2 high brightness AlInGaP LED in every pixel, a total number of 448 st.

LIGHT CONTROL

TT 20/4 have automatic continuous adjustment of light intensity, enabling optimal visibility both day and night.

PROGRAMMING

Programming can be done with wireless IR keyboard (maximal distance 20 meters), wire-keyboard (maximal distance 100 meters), PC software and RS232 port (maximal distance 25 meters) or RS232/POLNET modem (maximal distance 2000 meters).

DATA INTERFACE

The standard interface is RS232/POLNET, 300-19200 baud. Up till 63 signs can be connected to the network and programmed individual or group wise.

Option: RJ45 connection for communication with TCP/IP (Ethernet 10Base-T or 100Base TX autosense)

Option: wireless communication with GMS/GPRS, minicall, DARC or radio modem

INPUTS/OUTPUTS

TT 20/4 is prepared for 8 inputs or outputs, for controlling messages or external light sources / other equipment.

COMMANDS

POLTECH signs have a advanced embedded software to draw maximal attention to the messages displayed:

WIDE: Show text with double width and double speed.

FLASH: Flash text, words or characters.

UP: Scroll message up vertically.

DOWN: Scroll message down vertically.

JUMP: Let message jump into the display.

BLINK: Open and close message vertically (as a blink with the eye)

WIPE: Open and close message from left to right.

OPEN: Open and close message from the center.

PAUSE: Pause message for 2 seconds.

TEMP: Insert temperature in message.

TIME: Insert time in message.

CENTER: Align message to the center.

TEXT

TT 20/4 can show textmessages.

TIME

TT 20/4 can show time. The internal clock can also control external events that are to take place at different times during a day. The time is normally set with IR keyboard.

TEMP

TT 20/4 can show temperature. A temperature sensor is enclosed with the sign. The sensor, pre-calibrated, gives accurate temperatures between -50°C och +50°C. Maximum cable-length between sensor and sign is 100 meters.

SOUND SIGNAL

TT 20/4 can be connected to an external loudspeaker. "BIG BEN" is a optional one-, two- or three-peal signal. Loudspeaker can be ordered as asseccory.

MOUNTING

TT 20/4 can be mounted easily with 2 M8 bolts on the top of the sign. C/C 400mm.

SPECIFICATION

Product: TT 20/4

Dimensions: 700x280x65 mm

Power: internal transformer, 1,5 m cable

Weight: 8 kg

Output connections at the right side of sign.

Power consumption: 220 Volt, maximum 40 VA.

Housing: Extruded black aluminum.

Delivery: Ready for use, transformer, temperature sensor and wireless IR keyboard enclosed with the sign.

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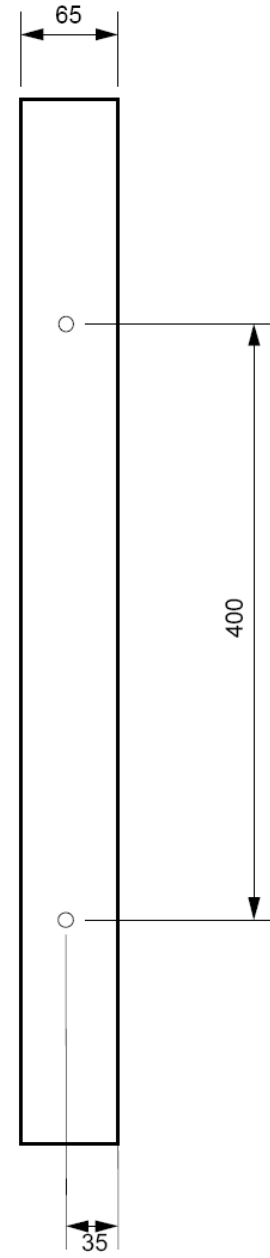
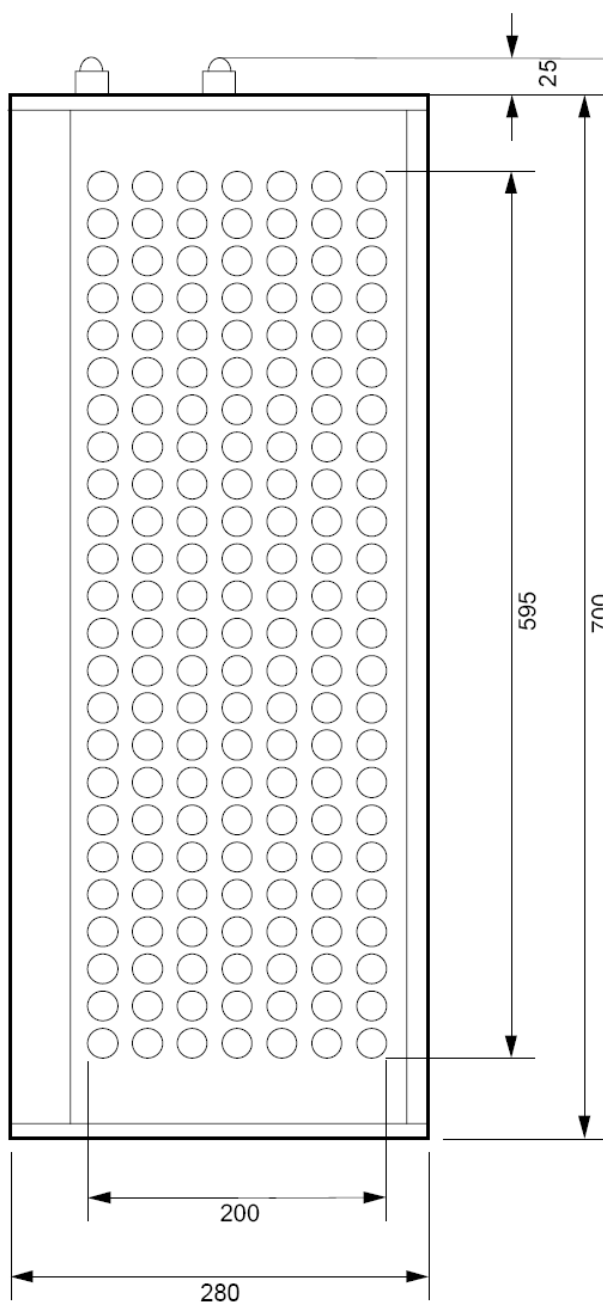
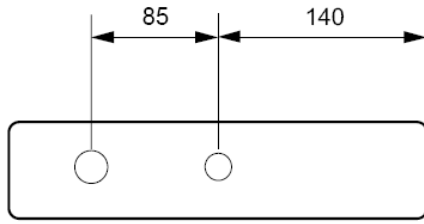
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Fästpunkter, 2 st M8 nitmuttrar i överkant

4 tecken
6 dioder / pixel