

Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)		Nr - No.		
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### USAGE

TT 40/4 is a time and temperature sign, 4 characters long and with 40 cm character height.

Option: other number of characters possible.

The purpose of TT 40/4 is to show time, temperature and also text (easily written and updated with IR keyboard, PC or POLNET network.).

### CHARACTERS

Text area 1285x403 mm. 4 characters (each character 5x7 pixel matrix). Viewing distance approx. 180 metres.

### LIGHT-EMITTING DIODES

TT 40/4 have 2 high brightness AlInGaP LED in every pixel, a total number of 448 st.

### LIGHT CONTROL

TT 40/4 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 GSM/GPRS, minicall, DARC or radio modem

### INPUTS/OUTPUTS

TT 40/4 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 40/4 can show textmessages.

### TIME

TT 40/4 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 40/4 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 40/4 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 40/4 can be mounted easily with 4 M8 bolts on the top and bottom of the sign. C/C 1000/1200mm.

### SPECIFICATION

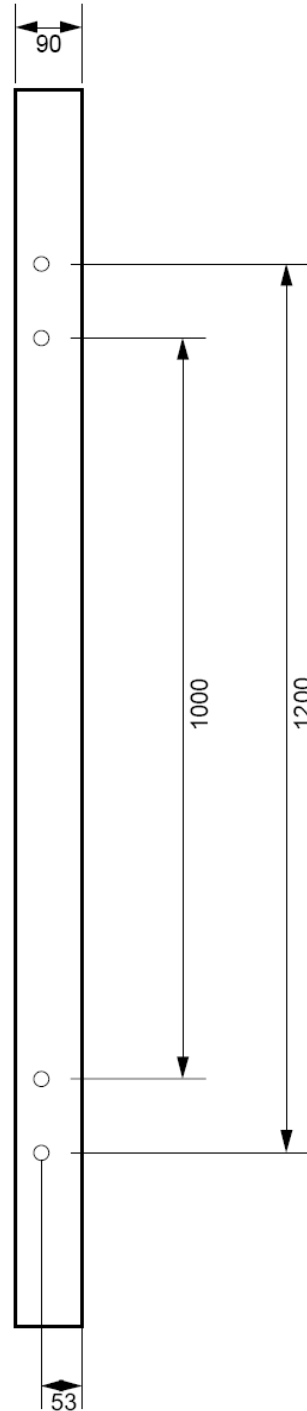
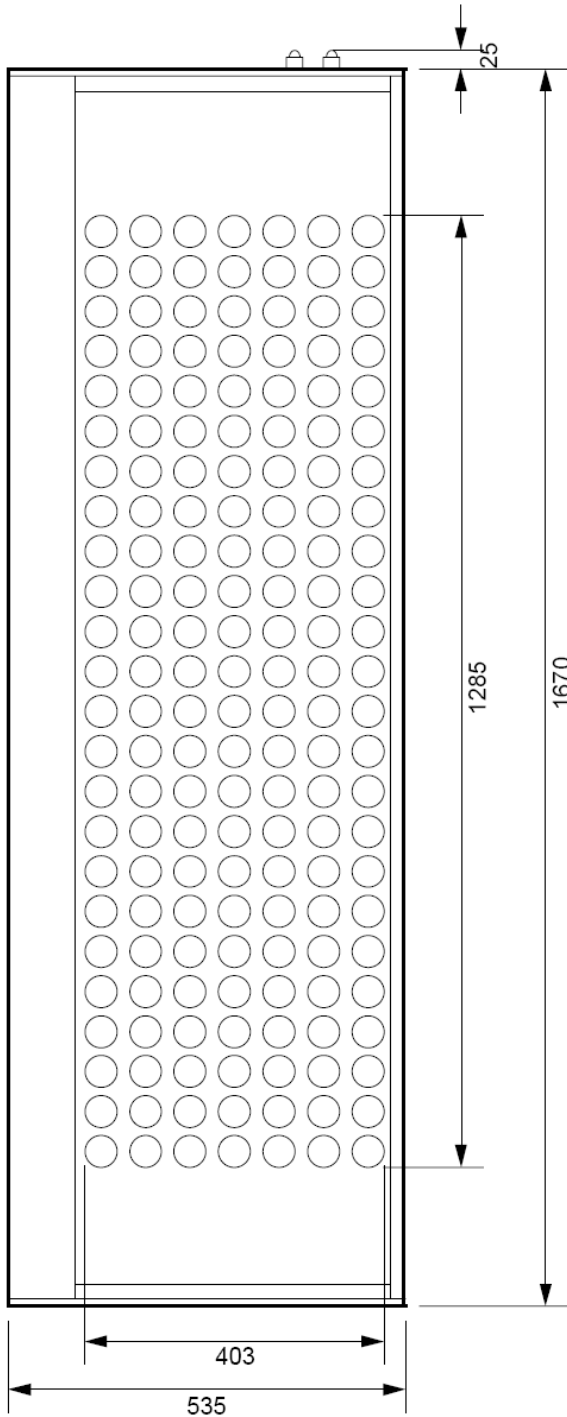
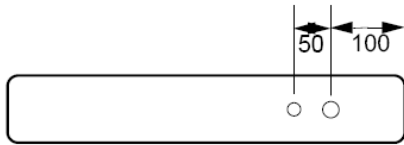
Product: TT 40/4  
 Dimensions: 1670x535x90 mm  
 Power: internal transformer, 1,5 m cable  
 Weight: 30 kg  
 Output connections at the right side of sign.  
 Power consumption: 220 Volt, maximum 250 VA.  
 Housing: Extruded black aluminum.  
 Delivery: Ready for use, transformer, temperature sensor and wireless IR keyboard enclosed with the sign.

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 Webpage  
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Fästpunkter, 4 st M8 nitmuttrar i över och underkant

4 tecken  
21 dioder / pixel