

# Facit 4552 Alphanumerical Strip Printer



# Facit 4552

## Alphanumerical Strip Printer

The Facit 4552 Strip Printer is used for printout of alphanumeric legible character text on pressure sensitive paper tape. The Printer can be connected to varying types of communication systems, being mainly used for the collection of brief messages. It can also be included in a system for recording measurements, text values or similar data and then used for final documentation of collected information.

It is designed to fit conveniently into most systems. The device produces clear and legible printout and has a very flexible character set, a single hammer mechanism producing the imprint. The end result is one of high reliability and minimum maintenance.

### DESIGN

The Facit 4552 consists of:—

- an electromechanical print unit.
- drive circuitry for printing unit and tape feed mechanism.
- control electronics with a character generator as an optional feature.

### OPERATION

The printout takes place on pressure sensitive tape.

The symbols are formed in a matrix using a maximum of 35 dots distributed over 5 columns and 7 lines.



The print image is produced by a hammer striking the tape in the matrix positions determined by the appearance of the symbol to be printed.

The matrix principle allows high character set flexibility.

Spaces between symbols are automatically generated. A separate push-button is provided for blank tape feed.

The symbol last printed on the tape can be read without additional tape feed.

The printer is equipped with a holder for about 50 metres (150 feet) of tape.

Tape out and broken tape features are indicated by an electrical signal which stops the printing cycle automatically.



### TECHNICAL DATA

<i>Speed</i>	Maximum 15 ch/s.
<i>Character height</i>	0.32 cm. (1/8 in.)
<i>Character pitch</i>	0.25 cm. (0.1 in.)

### Tape specifications

<i>Type</i>	Pressure sensitive paper.
<i>Width</i>	1.75 ± 0.02 cm. (0.688 ± 0.008 in.)
<i>Thickness</i>	Maximum 0.01 cm. (0.004 in.)
<i>Length</i>	Approximately 50 metres. (150 feet.)
<i>Reel diameter</i>	Maximum 7.5 cm. (3 in.)
<i>Character per reel</i>	15,000—30,000 depending on tape thickness.

### Power requirements

4552/01	24 V DC
4552/02	24 V DC and 5 V DC
4552/03	24 V, 5 V and 12 V DC.

### Overall dimensions

<i>Width</i>	18.9 cm. (7 1/2 in.)
<i>Height</i>	14.9 cm. (5 7/8 in.)
<i>Depth</i>	15.8 cm. (6 1/4 in.)

### Variants

Three variants of the strip printer are available:

4552/01	contains drive circuits.
4552/02	contains drive circuits and control electronics.
4552/03	contains drive circuits, control and a built-in character generator.

### Transmission principles

4552/01	The signals are received in serial form, dot by dot in the matrix.
4552/02	The signals are received in parallel form, column by column in the matrix.
4552/03	The signals are received in parallel form, character by character.

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