

Printing With The Function “Ex Text” (LJ2se)

With this Technical Bulletin, we want to support you with some detailed information and important hints (additionally to the Operating Manual) about the function “ex text”.

By the usage of the function “external text” an easy possibility is provided to send variable data via the serial interface RS232 without any additional software- or programming works.

Function principle:

Variable data of a fixed text length (string length / field length) can be sent via the RS232 which are placed to the predefined wildcards within the text. Within a text you can define several variable fields of wildcards; ore the wildcards can stand alone also (without additional text).

The maximum length of all wildcards is 64 characters; that means for each printout (PrintGo-signal) you can send and print maximum 64 variable data bytes.

For every printout (PrintGo-signal) always the constant amount of characters have to be transferred which have been also defined as the amount of wildcards (e.g. 4 wildcards are defined => always necessary to send 4 data bytes per printout).

The characters can include letters and numbers, but should not include control characters as “carriage return” or “line feed”.

Inside the printer there is a input buffer of totally 256 characters available.

For every “PrintGo” the printer will check, if the amount of characters have been entered on the input-buffer, which are given by the amount of the wildcard characters. If enough characters have been received, they will be taken over to the data-buffer and will be printed.

If not enough characters have been received, the characters are printed which are taken over to the data-buffer at last (the previous text will be printed again).

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Example for text input:

<i>Fix text</i>	<i>Variable text/data field</i>	<i>Fix text</i>
Content	XXXX	pieces

The input of the fix text (the non-variable part of the text) can be done as usual. After the input of the first text part, the definition of the wildcards for the variable data is carried out:

By touching either several touching of the <SHIFT> button, further menus to enter small letters, special characters and additional parameters are called-up. In the menu "Additions" <E60> and with the button <ExText> you can set the required wildcards to implement the variable external data via the interface (wildcards can be any alphanumeric characters; in the shown example the "x" has been used as wildcards).

The printout of our example:

After pressing the button "Print start" the first four data bytes have to be sent via the RS232 interface => e.g. "**1000**"

After the first "PrintGo"-signal the following text will be printed out:

Content 1000 pieces

Now the second data record has to be transferred via the interface (this transmission can already happen during the first printout) => e.g. "**2345**"

After the next "PrintGo"-signal the following text will be printed out:

Content 2345 pieces

Erstellt am:	Geprüft am:	Eingewiesen, freigegeben am:
Name:	Name:	Name: