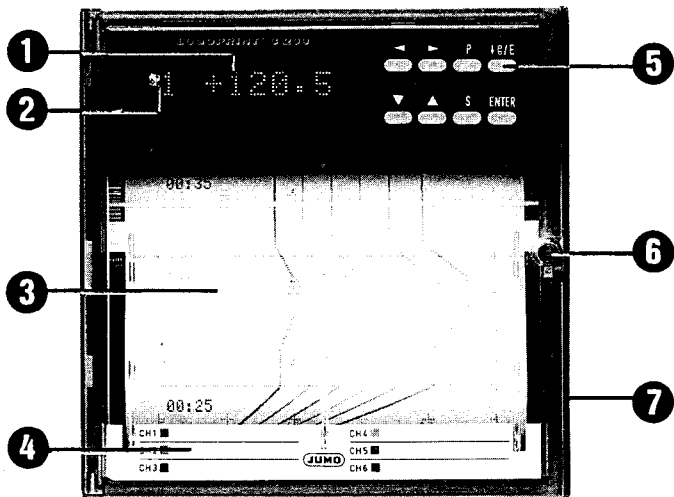


# LOGOPRINT® C 200

## 6-colour Printing Recorder

with isolated analogue inputs




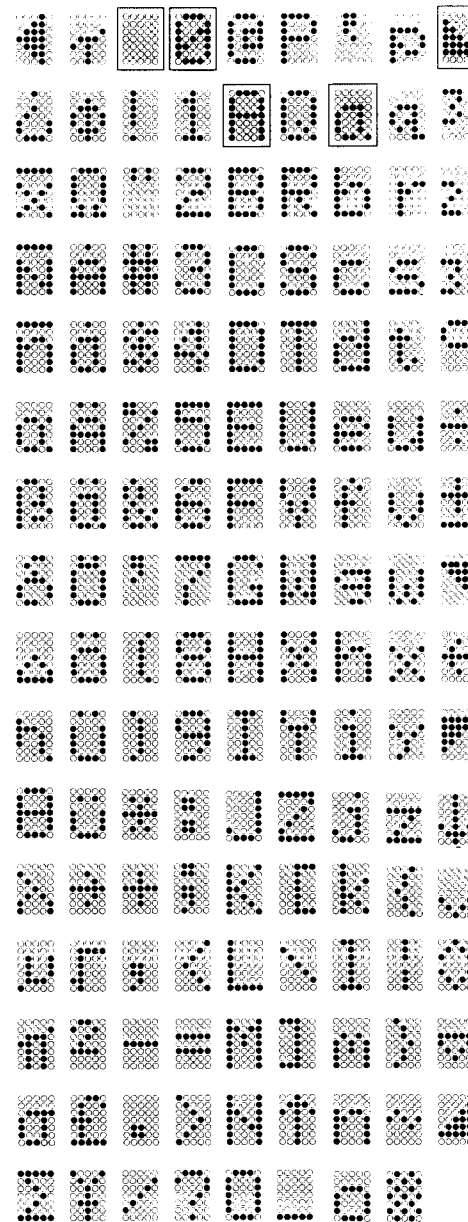
- ① Alphanumerical LED display
- ② LED for chart stop or end of paper
- ③ Chart paper
- ④ Channel marker panel
- ⑤ Operating keys
- ⑥ Door retainer
- ⑦ Steel housing to DIN 43 700 for flush panel mounting

**B 95.4015.1**

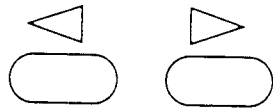
3.96 / V 00309804

### Brief Operating Instructions

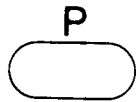
□ Access symbol for quick selection with key 



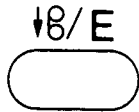
# OPERATING NOTES



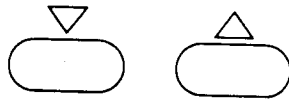
- Digit selection keys "left" and "right" when inputting/altering numerical values



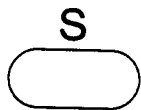
- Print program parameters
- Alter decimal place
- Quick selection for text input



- Fast forward chart speed (after pressing key <sup>s</sup>)
- Stepwise exit from levels
- Abort editing



- Decrement / increment
- Input data
- Fast scrolling of values



- Stop recording  
Stop the print head and paper transport. The printing out of reports is interrupted but the display continues

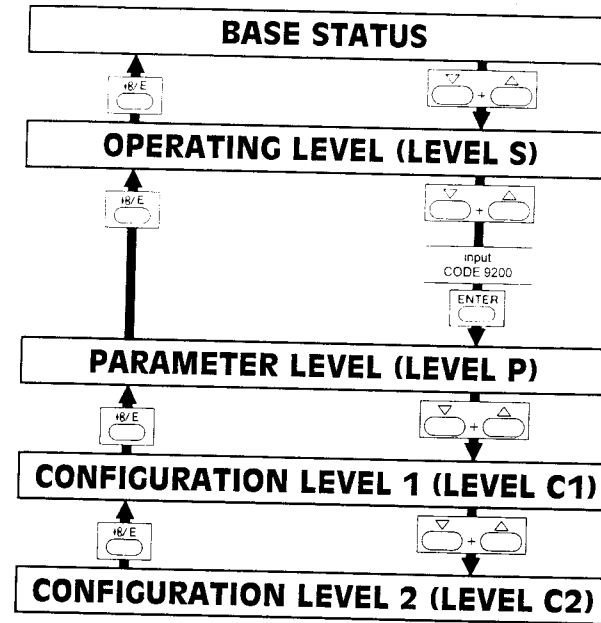


- Initiate editing at the selected entry position
  - Enter values
  - Switching between cyclic and static display modes in base status
- No alarm messages are displayed during static indication**

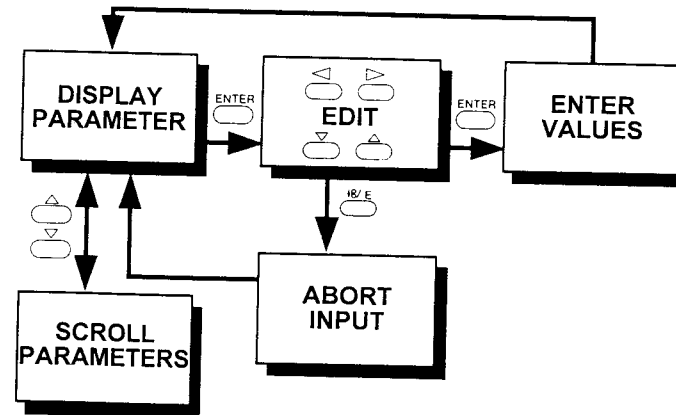
### Interpretation of the LED

steady ..... key <sup>s</sup> depressed  
 flashing ..... chart used up

# LOGOPRINT LEVELS



**At all levels shown above the parameter setting is made by following the same procedure**












# PROGRAMMING

## BASE STATUS

After "WAITING", a cyclic display of:

channel designation, measured values, units, alarm message

 + 	Acknowledgement of alarm
	Initiate program print-out
 + 	Fast forward/backward
	Interrupt/start recording
	Switching display from cyclic to static; selection with  or 

No alarm messages are shown in the static display

## OPERATING LEVEL (LEVEL S)

Display Setting of

<b>FEED P.</b>	Chart speed in mm/h
<b>PLOTSTAT</b>	Plot status (for channels 1 — 6) ON: measured values are printed OFFP: no printing of measured values, but taken into account in "DAILY REPORT" and "MEASURING REPORT"
<b>DISPLAY</b>	Brightness of display
<b>SE.PRINT</b>	Service print-out
<b>PRTTEST</b>	Print test
<b>PARAMREP</b>	Parameter report All all parameters (approx. 45 min) CH1 — 3 channels 1 — 3 (approx. 20 min) CH4 — 6 channels 4 — 6 (approx. 20 min) Global generally valid parameters (approx. 5 min)

If an incorrect Code number is entered, the parameters can be viewed but cannot be changed.  
All collected report data are erased by input 9200!

## PARAMETER LEVEL (LEVEL P)

<b>DATE</b>	Date
<b>TIME</b>	Clock time
<b>S TIME B</b>	Start of summer time (day, month, year, time)
<b>S TIME E</b>	End of summer time (day, month, year, time)
<b>PIEZO</b>	Piezo beeper (alarm sound ON/OFF)
<b>FILTER</b>	Time constant for filtering the measurement data

continued on page 6

# PROGRAMMING

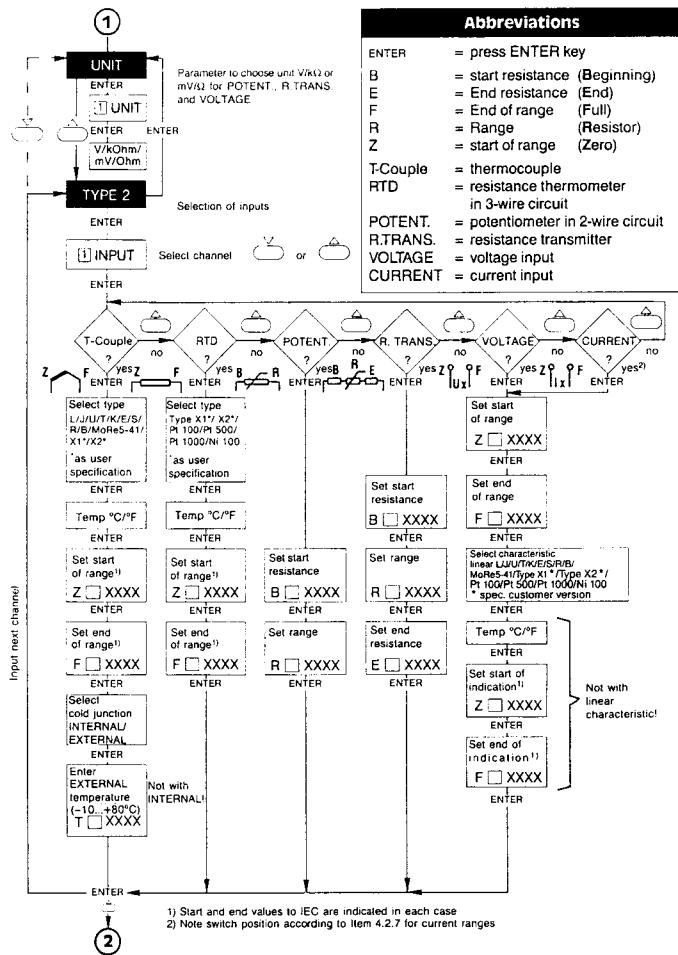
## CONFIGURATION LEVEL 1 (LEVEL C1)

Display Setting of the channel parameters

<b>STATE</b>	Channel status "ON" or "OFF"
<b>WORD+NO</b>	Channel designation (15 characters, complete character set)
①	NOTE: for reasons of clarity the "UNIT" parameter has been taken out of this list and presented on the opposite page.
②	All 6 measurement inputs can have different measurement ranges
<b>DEC/DIM</b>	DEC: selection of decimal point format (for base status, M.P.R., D. REPORT). With AUTOM selection the decimal point is set automatically to achieve the best accuracy. DIM: Entry of the channel dimension (6 places, complete character set).
<b>SCALE</b>	Selection of scale for start (Z) and end (F); range -9999 to +9999
<b>RELAY</b>	1 limit setting for each alarm relay 1 and 2 (for each channel)
<b>REL-1</b>	Alarm relay 1 (ON or OFF)
<b>REL-2</b>	Alarm relay 2 (ON or OFF)
<b>LIMTXT-1</b>	Alarm text when alarm relay 1 is activated — print-out in MESSAGE REPORT (15 characters, complete character set)
<b>LIMTXT-2</b>	Alarm text when alarm relay 2 is activated — print-out in MESSAGE REPORT (15 characters, complete character set)
<b>LIMIT.F</b>	Input of low (L) and high (H) limits where exceeding/falling below the limit result in changing to limit feed (FEED.L)
<b>PLOTAREA</b>	Selection of low (L) and high(H) presentation range in the plot
<b>OFFSET</b>	Limitation of writing width with start value (L) and end value (H) in mm
<b>COPY</b>	Copy the data from channel (Source X) to channel (Dest. Y)

continued on page 8

# PROGRAMMING



continued on page 6

# PROGRAMMING

## CONFIGURATION LEVEL 2 (LEVEL C2)

### Display Setting of general parameters

<b>UNITWORD</b>	Designation of printing recorder (15 characters, complete character set)
<b>BEGINTXT</b>	Input of a text printed at each fresh start of recording – unless it consists entirely of blank characters
<b>ENDTXT</b>	Input of a text printed at the end of recording – unless it consists entirely of blank characters
<b>REL.F.1</b>	Function of alarm relay 1 (Ik7, Ik8)
<b>REL.F.2</b>	Function of alarm relay 2 (Ik7, Ik8)
<b>FEED.L</b>	Selection of chart speed in case of an alarm event
<b>FEED.E</b>	Selection of chart speed in case of an external signal
<b>FEED.T</b>	Selection of chart speed in case of a time window from XX.XX hours (B) to YY.YY hours (E)
<b>QUIT</b>	Acknowledge alarm relay message YES/NO Acknowledgement with ( . . . )
<b>D REPORT</b>	Daily statistical print-out: setting whether active (ON) or inactive (OFF) and time
<b>M.P.R.</b>	Periodic summary print-out: setting the time interval between the start of two print-outs, or inactive (OFF) *
<b>M REPORT</b>	Message Report: setting the time interval between the start of two print-outs, or inactive (OFF) **
<b>EXT.CONT</b>	4 external contacts produce the print-out of a freely definable text *** (15 characters) ****
<b>COUNTER</b>	Counters for external contacts (4), can be switched off with OFF. Count start can be set (counting pulse must be longer than 4 sec.). ****
<b>EC DIR</b>	Decision whether the text of EXT.CONT appears only in MESSAGE REPORT (input MREP) or together with the count (COUNTER) during recording (input MREP+PAP)
<b>MEMCARD</b>	Copying the programming data from the memory card to RAM (CPY→R) or vice versa (CPY→MC). Acknowledgement with YES/NO
<b>FUNCTEST</b>	For service use only
<b>PRESET</b>	Loads a standard program
<b>SERIAL</b>	Selects the interface (RS232C, RS422/485)
<b>BAUD</b>	Sets the baud rate
<b>D-FORMAT</b>	Sets the data format

\* Print-out always takes place referred to the time of the DAILY REPORT.  
\*\* Print-out always takes place referred to the full hour.  
\*\*\* The texts are printed in the MESSAGE REPORT.  
\*\*\*\* Printed only with FEED.P recording. No print-out with FEED.L, but will be printed later if the equipment is switched over to FEED.P again.