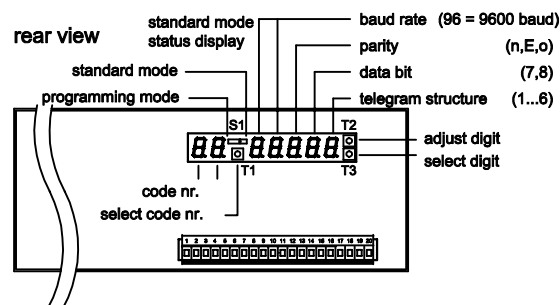
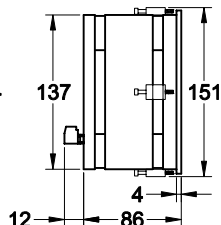
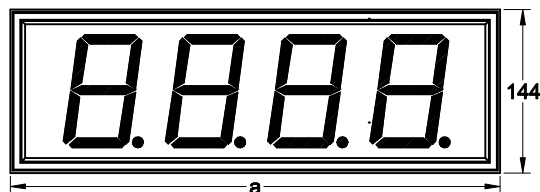




code nr.	display	description
	0 0 0 0 0	
0	0 1 2 3	interface RS232 20mA/TTY RS485 RS422
1	1 2 0 0 2 4 0 0 4 8 0 0 9 6 0 0 1 9 2 0 0	baud rate 1200 Baud 2400 Baud 4800 Baud 9600 Baud 19200 Baud
2	1 2 3 4 5	data format parity data bit n none 8 Bit E even 7 Bit a odd 7 Bit E even 8 Bit a odd 8 Bit
		telegram structure
3	1 2 3 4 5 6	D1 ... D n time distance between 2 teleg. min. 200ms STX D1 ... D n ETX STX address address D1 ... D n ETX SOH address address STX D1 ... D n ETX D1 ... D n CR/LF D1 ... D n CR
4	0 0 - 1 9 9	device address 00 ... 99 (100 addresses adjustable) address 1 one figure (-0 ... -9) address 99 two figure (00 ... 99)
5	0 1	presage zero/na blank-out 0 = without 1 = with direction of writing right → left direction of writing left → right
6	0 0 9 9	suppression up to 99 leading signs
7	0 - 0 1	0 = without comma 1 ... n = comma place $10^1 - 10^n$ (2. - n Digit) at negative value underline deactivated " minus + underline deactivated ~ _ _ _ _
8	0 0 0 1 9 9	timeout fncion deactivated 01 - 99 Sek.after the last telegram shows the display - - - - -

Hex	20	2C	2D	2E	30	31	32	33	34	35	36	37	38	39	3D	41	43	45	46	48	4C	50	55	5D	5F	62	63	64	68	6E	6F	72	75	78	7E
Digit		.	-	.	0	1	2	3	4	5	6	7	8	9	=	A	C	E	F	H	L	P	U	V	-	b	c	d	h	n	p	r	u	v	y

50 = 5 digits

Figure 1: RS-485 connection diagram. The diagram illustrates the connection of two DA100-NSxx/A1 and DA100-NSxx/A2 modules to a 20mA/TTY active link. The modules have pins for 18-35V aux. supply, 0V, 100-240V aux. supply, and various signal pins (TX, RX, TXA, TXB, RXA, RXB). The link is connected to pins 5 and 4, with a ground connection. The diagram also shows a 120 Ohm termination resistor and a 20mA/TTY passive connection.

function	ASCII	description
segment test	\$0	segment test on until receiving next data telegram
leading zeros	\$1	leading zeros displayed
	\$2	leading zeros suppressed
blinking sign	\$32	2 is blinking
blinking display	\$4	blinking display on
	\$5	blinking display off
direction of writing	\$6	left → right
	\$7	right → left

DA100	aluminium mounting-case powder seam black		front-	front plate
	shell depth (with terminal): 86 (98) mm		frame-	cutout
DA100-NS __ /xxx E	DA100-NS __ /xxx E <u>D</u>	DA100-NS __ /xxx E <u>D1</u>	width [a]	w x h
<u>30</u>			336	330 x 138
<u>40</u>	<u>30</u> °C		432	426 x 138
<u>50</u>	<u>40</u> °C	<u>30</u> km/h	528	522 x 138
<u>60</u>	<u>50</u> °C	<u>40</u> km/h	624	618 x 138
		<u>50</u> km/h	720	714 x 138

unknown sign

