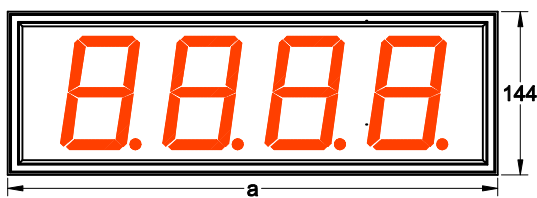
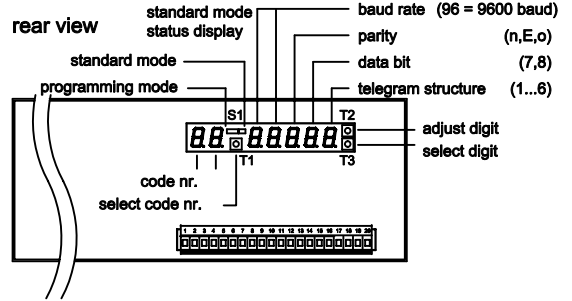
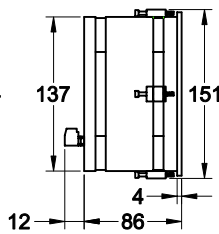


Type: DA100-NSxx/AxxE serial interface

front view



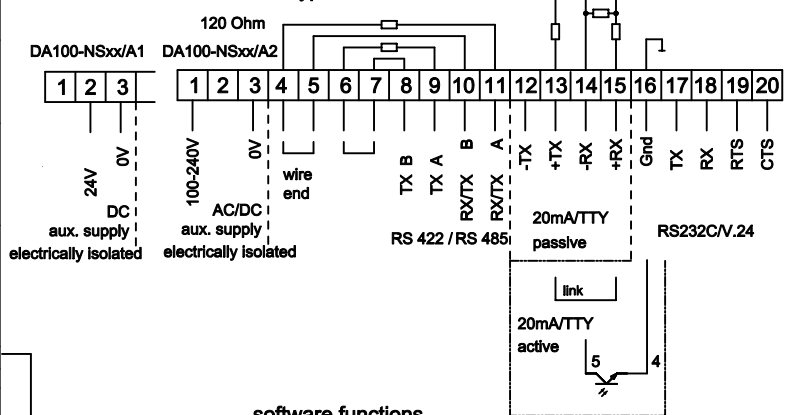
side view



programming

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 o odd 7 Bit E even 8 Bit o odd 8 Bit
3	1 2 3 4 5 6	telegram structure 1 D1 ... Dn time distance between 2 teleg. min. 200ms 2 STX address D1 ... Dn ETX 3 STX address address D1 ... Dn ETX 4 SOH address address STX D1 ... Dn ETX 5 D1 ... Dn CR/LF 6 D1 ... Dn 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 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 function deactivated 01 - 99 Sek. after the last telegram shows the display - - f f -

rear connector with screw-type terminals



software functions

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

case dimensions

DA100	aluminium mounting-case powder seam black	front-plate-cutout	front-plate-cutout
	shell depth (with terminal): 86 (96) mm	width [a]	w x h
DA100-NS __ /xxxE	DA100-NS __ /xxxE <u>D</u>	DA100-NS __ /xxxE <u>D</u> ₁	336 330 x 138
3 <u>0</u> <u>0</u> <u>0</u> <u>0</u>			432 426 x 138
4 <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>	3 <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> °C		528 522 x 138
5 <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>	4 <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> °C	3 <u>0</u> <u>0</u> <u>0</u> <u>0</u> km/h	624 618 x 138
6 <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>	5 <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> °C	4 <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> km/h	720 714 x 138
		5 <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> km/h	

If you set under the code number 4 (-0...-9) an address will the telegramstructure be changed

technical data :

power supply :	DA100-NSxx/A1...	18 - 35 V DC
	DA100-NSxx/A2...	100 - 240 V AC/DC
current reception :		max. 18 VA
temperature area :		-20 °C...+65 °C
display high :		100 mm
LED colour :		red or green
protection kind :		IP65 front site

sign rate:

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	B	C	E	F	H	L	P	U]	-	b	c	d	h	n	o	r	u	q	t	

DA100-NS	__	/	__	__	/	__	E	__
dimension :								
display color :								
aux. supply								
input :								
number of digits								
D = max. 2 figures								
D1 = max. 4 figures								
R = red								
G = green								
1 = 24V DC								
2 = 230V AC/DC								
A = RS232C/V24 20mA/TTY RS422 RS485								
30 = 3 digits								
40 = 4 digits								
50 = 5 digits								

unknown sign

