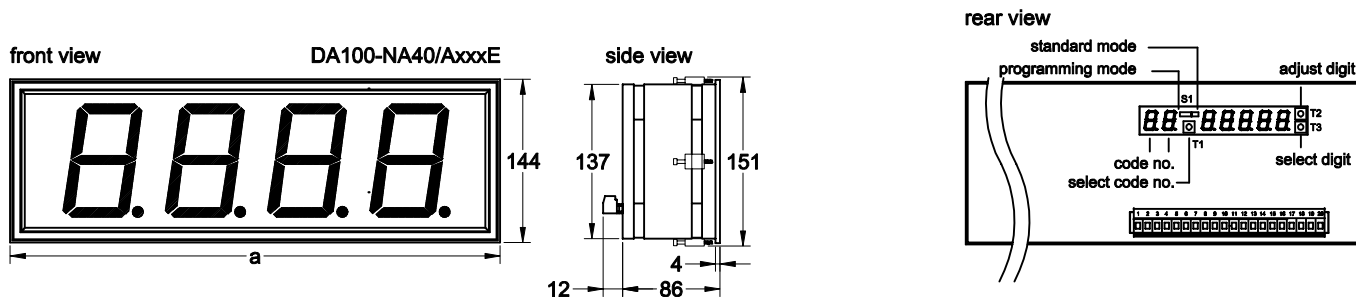


Type: DA100-NAxx/AxxxE

DC current/voltage



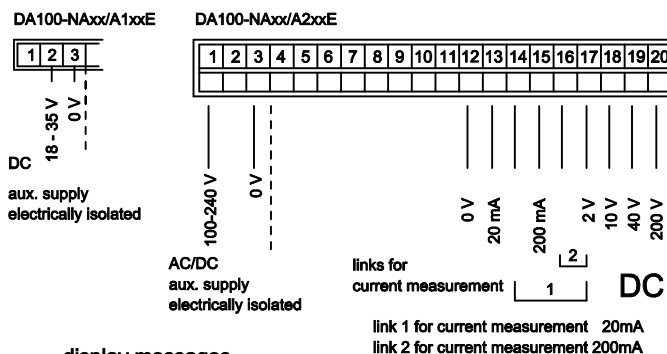
case dimensions

DA100		aluminium case powder coated black	front-	panel-
		shell-depth (with terminal)	frame-	cutout
		86 (98) mm	width [a]	b x h
DA100-NA _ _ /xxxE	DA100-NA _ _ /xxxE D	DA100-NA _ _ /xxxE D1		
30	0000		336	330 x 138
40	0000	30 0000 °C	432	426 x 138
50	0000	40 0000 °C	528	522 x 138
		30 0000 km/h	624	618 x 138
		50 0000 °C	720	714 x 138
		40 0000 km/h		
		50 0000 km/h		

programming instructions

code nr	display	description
0		min. display value
1	P-L	takeover of min. input signal with T3 (min. input signal has to be applied)
2		max. display value
3	P-H	takeover of max. input signal with T3 (max. input signal has to be applied)
4	--99 -L--	average value of 1-99 measurements line-break indication with value falling 25% below -- no L = yes
5	2/5/10	rounding of last digits in steps of 2,5 or 10

rear connector with screw-type terminals



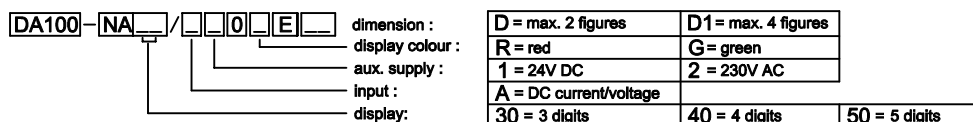
display messages

Pr	EEProm under programming
----	overflow (flashing of display segments in the middle)

technical data

aux. supply:	DA100-NAxx/A1xxE	18-35 V DC
	DA100-NAxx/A2xxE	100-240 V AC/DC
power consumption:	max. 18 VA	
temperature range:	-20 °C ... +65 °C	
measuring range (V):	2V / 10V / 40V / 200V	
measuring range (A):	20mA / 200mA	
display max.:	free programmable	
display min.:	free programmable	
principle of measurement:	Dual-Slope-Integration	
error of measurement:	+/- 0,01% of measured value +/- 1 digit/segment	
overflow:	flashing of display segments in the middle	
average value:	adjustable of 1-99 measurements	
rounding last digit:	adjustable in steps of 2, 5, or 10 steps	

input resistance	terminal	RI
	17	100 kOhm
	18	560 kOhm
	19	2,2 MOhm
	20	12 MOhm
	13	100 Ohm
	15	10 Ohm
display:	100 mm, LED red or green	
resolution:	..NA30..	-199 ...999
	..NA40..	-1999 ...9999
	..NA50..	-19999 ...99999
protection kind:	IP65 front side	
front frame height:	4 mm	



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