

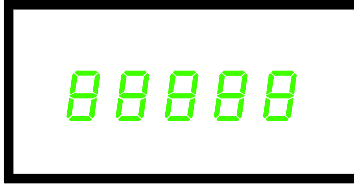
Type: DA13-NAxx/Axxx

DC current/voltage

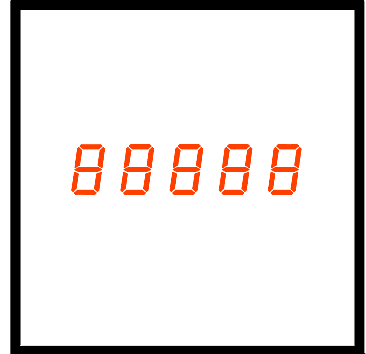
DA13-NA50/AxxR
case 96 x 24 mm



DA13-NA50/AxxG- 4
case 96 x 48 mm



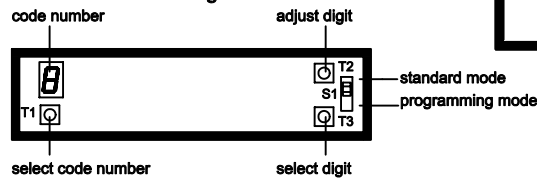
DA13-NA50/AxxR - 9
case 96 x 96 mm



number of digits

Article	Display
DA13-NA30/Axxx	▯▯▯
DA13-NA31/Axxx	± ▯▯▯
DA13-NA40/Axxx	▯▯▯▯
DA13-NA41/Axxx	± ▯▯▯▯
DA13-NA50/Axxx	▯▯▯▯▯

controls behind front glass



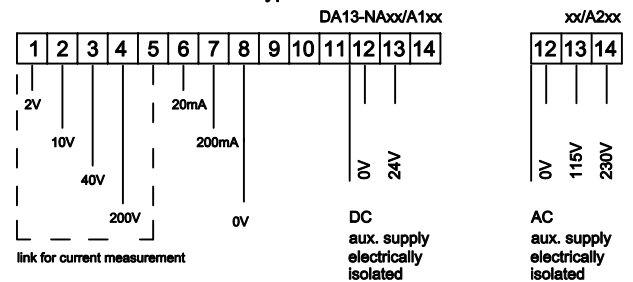
programming mode

code number	display	description
0		min. display value
1		min. input signal to be applied take over with T3
2		max. display value
3		max. input signal to be applied take over with T3
4	1...500	average value of 1-500 measurements
5	2/5/10	half correction of last digit by steps of 2, 5, 10
6	.._1	reciprocal indication value 0 = no 1 = yes
	-.1-	Line break indication with value falling 25% below measured (4-20mA) 0 = no 1 = yes
	0--	brightness adjustment (0 ... 9) 0 = highest brightness 9 = lowest brightness

general data

aux. supply	DA13-NAxx/A1xx	18-35 V DC
	DA13-NAxx/A2xx	115/230 V AC
power consumption:	max. 3 VA	
measuring range voltage:	2V / 10V / 40V / 200V	
measuring range current:	20mA / 200mA	
display max.:	programmable	
display zero:	programmable	
conversion rate:	approx. 1 per second	
principle of measurement:	dual-slope-integration	
error of measurement:	+/- 0,1% of measured upper range value +/- 1 digit/segment	
overflow:	flashing of display segments in the middle	
average value:	adjustable from 1-500 measurements	
display height:	14 mm	

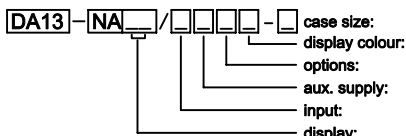
rear connector with screw-type terminals



display messages

EEP	EEPROM under programming
---	overflow display segments in the middle are flashing
- -	Line break indication with value falling below measured value

Input resistance	terminal	Ri	Continuous Overload	3 sec. Overload
	1	100 kOhm	50 V	-
	2	560 kOhm	100 V	-
	3	2,2 kOhm	500 V	-
	4	12 kOhm	1000 V	-
	6	100 Ohm	70 mA	140 mA
	7	10 Ohm	250 mA	500 mA
resolution	..NA30..	-199 ..999		
	..NA31..	-1999 ...+1999		
	..NA40..	-1999 ... 9999		
	..NA41..	-19999 ...+19999		
	..NA50..	-19999 ... 30000		
panel cutout	DA13-NAxx/Axxx	: 92(+0,8) x 22,2(+0,3) mm		
	DA13-NAxx/Axxx-4	: 92(+0,8) x 45(+0,8) mm		
	DA13-NAxx/Axxx-9	: 92(+0,8) x 92(+0,8) mm		
mounting depth (without connector):	114 mm (102 mm)			
bezel height	7,5 mm			



without indication:	= 96 x 24 mm	4 = 96 x 48 mm	9 = 96 x 96 mm
R = red	G = green		
look chapter end of datasheet			
1 = 24V DC	2 = 115/230VAC		
A = DC current/voltage			
30 = 3 digits	31 = 3-1/2 digits	40 = 4 digits	41 = 4-1/2 digits 50 = 5 digits

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