

# Type: DA20-NAxx/Axxx

## DC current/voltage



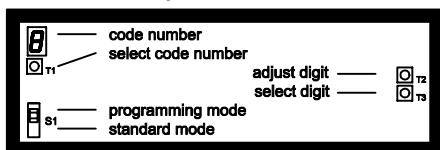
DA20-NA50/Axxx  
case 144 x 48 mm



DA20-NA50/Axxx - 4  
case 144 x 72 mm



controls behind front glass



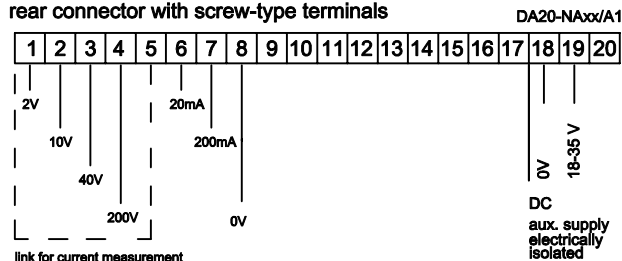
number of digits

Article	Display
DA20-NA30/Axxx	▯▯▯
DA20-NA31/Axxx	± ▯▯▯
DA20-NA40/Axxx	▯▯▯▯
DA20-NA41/Axxx	± ▯▯▯▯
DA20-NA50/Axxx	▯▯▯▯▯

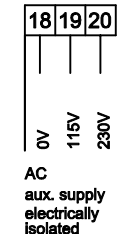
programming mode

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 (20mA) 0 = no      1 = yes

rear connector with screw-type terminals



DA20-NAxx/A2



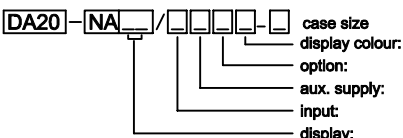
display messages

EEP	EEProm under programming
----	overflow (segments in the middle are flashing)
- -	line break indicator

general data

aux. supply:	DA20-NAxx/A1xx	18-35 V DC
	DA20-NAxx/A2xx	115/230V AC
power consumption:	max. 5 VA	
measuring range voltage:	2V / 10V / 40V / 200V	
measuring range current:	20mA / 200mA	
display max.:	programmable	
display zero:	programmable	
conversion range:	approx. 1 per second	
principle of measurement	Dual-Slope-Integration	
error of measurement:	+/- 0,01% of measuring value, +/- 1 digit/segment	
average value:	adjustable from 1-500 measurements	
digit height:	20 mm	

Input resistance:	terminal	RI
	1	100 kOhm
	2	560 kOhm
	3	2,2 MOhm
	4	12 MOhm
	6	100 Ohm
	7	10 Ohm
resolution:	..NA30..	-199 ...999
	..NA31..	-1999 ...+1999
	..NA40..	-1999 ... 9999
	..NA41..	-19999 ...+19999
	..NA50..	-19999 ... 30000
panel cutout:	DA20-NAxx/Axxx	138(+1,0) x 45(+0,6) mm
	DA20-NAxx/Axxx-4	138(+1,0) x 68(+0,7) mm
mounting depth:	115 mm	
bezel height:	8,5 mm	



without indication = 144x 48 mm		4 = 144 x 72 mm		
R = red	G = green			
look chapter end of datasheet				
1 = 24 V 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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