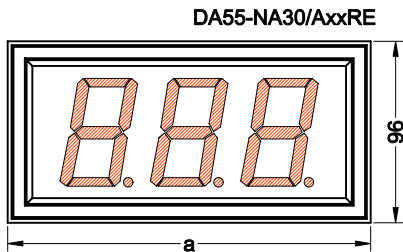


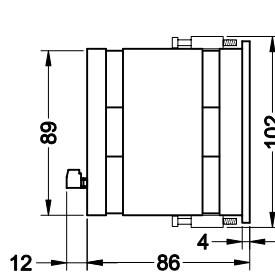
# Type: DA55-NAxx/AxxxE

## DC current/voltage

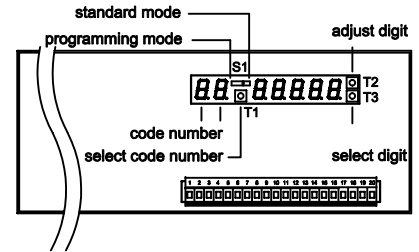
front view



side view



rear view



case dimensions

DA55	aluminium case powder coated black		front-frame-width [a]	panel-cutout w x h
	shell-depth (without terminal)	98 (86) mm		
DA55-NA __ /AxxxE	DA55-NA __ /AxxxE D	DA55-NA __ /AxxxE D1		
30			192	186 x 90
40	30		240	234 x 90
50	40	30	288	282 x 90
	50	40	336	330 x 90
		50	384	378 x 90

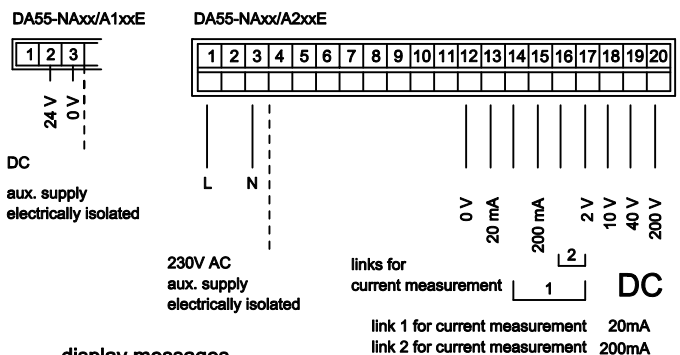
### programming instructions

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
6	---0	brightness adjustment (0 ... 9) 0 = bright 9 = dark

### technical data

aux. supply:	DA55-NAxx/A1xxE	18-35 V DC
	DA55-NAxx/A2xxE	100-240 V AC/DC
power consumption:	max. 12 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:	+/- 0,1% 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	

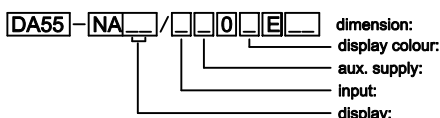
### rear connector with screw-type terminals



### display messages

Pr	EEProm under programming
----	overflow (flashing of display segments in the middle)
— —	line break indicator

input resistance	terminal	Ri
	17	100 kOhm
	18	560 kOhm
	19	2,2 MOhm
	20	12 MOhm
	13	100 Ohm
	15	10 Ohm
display:	57 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	



D = max. 2 signs	D1 = max. 4 signs
R = red	G = green
1 = 24V DC	2 = 230V AC
A = DC current/voltage	
30 = 3 digits	40 = 4 digits
	50 = 5 digits

### GS Gebhardt & Schäfer Industrie-Elektronik GmbH

Porschestr. 11  
D-51381 Leverkusen  
Tel. +49 (0) 21 71 / 73 72 2 -0  
Fax +49 (0) 21 71 / 73 72 2 -39  
Internet: <http://www.GS-GmbH.de>  
E-Mail: [info@GS-GmbH.de](mailto:info@GS-GmbH.de)

Kölner Bank eG  
IBAN: DE62 3716 0087 0940 9250 10  
BIC: GENODE33  
Kreissparkasse Köln  
IBAN: DE65 3705 0299 0312 0061 45  
BIC: COKSDE33

Deutsche Bank AG  
IBAN: DE30 3757 0024 0851 0851 00  
BIC: DEUTDE33  
Foreign Payments:  
Account-No. 851 085 1  
S.W.I.F.T. DEUTDEB 375

Geschäftsführer: 2.5  
Karlheinz Schäfer  
Guido Gebhardt  
USt.-Nr. DE 123713297  
Amtsgericht Köln, HRB 48860  
D-U-N-S@: 340802073