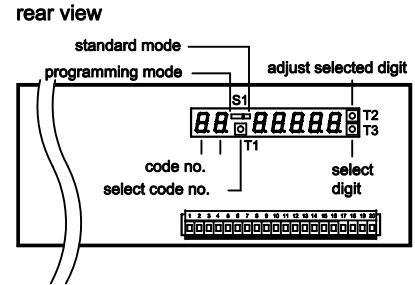
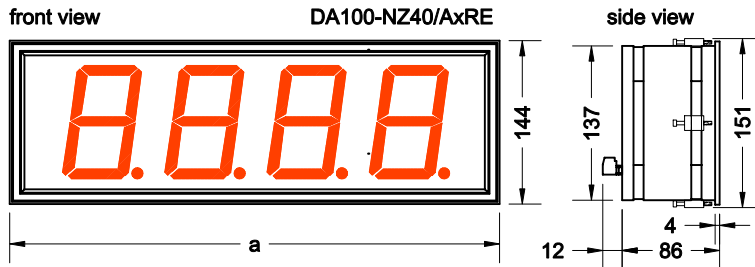


Type: DA100-NZxx/AxxE
Counter/Totalizer
add/subtract



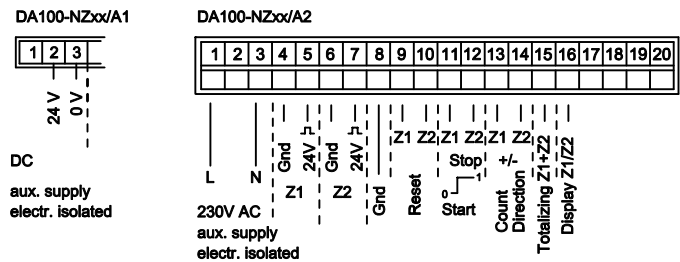
case dimensions

DA100	aluminium case powder coated black		front	panel
	shell-depth (with terminal)	86 (98) mm	frame	cutout
DA100-NZ __ /xxxE	DA100-NZ __ /xxxE	DA100-NZ __ /xxxE1	width [a]	b x h
30	0000		336	330 x 138
40	0000	30 0000 °C	432	426 x 138
50	00000	40 0000 °C	528	522 x 138
	50 00000 °C	40 0000 km/h	624	618 x 138
		50 00000 km/h	720	714 x 138

programming mode

code no.	display	description
00	0.0.0.0	decimal point 0 = none 2 = 0,00 1 = 0,0 3 = 0,000
	0.0.0.0	pulse-edge 0 = falls edge ≤ 1 kHz 1 = ascends edge ≤ 1 kHz 2 = falls edge ≤ 10 Hz relay 3 = ascends edge ≤ 10 Hz relay
01	0.0.0.0	preset Z1
02	0.0.0.0	preset Z2
03	0.0.0.0	set reset value Z1
04	0.0.0.0	set reset value Z2
05	0.0.0.0	prescaler counter Z1 (qty. pulses/1 display step)
06	0.0.0.0	prescaler counter Z2 (qty. pulses/1 display step)
07	0.0.0.0	prescaler display Z1 (qty. display steps/1 pulse)
08	0.0.0.0	prescaler display Z2 (qty. display steps/1 pulse)
09	0.0.0.0	brightness adjustment (0 ... 9) 0 = bright 9 = dark

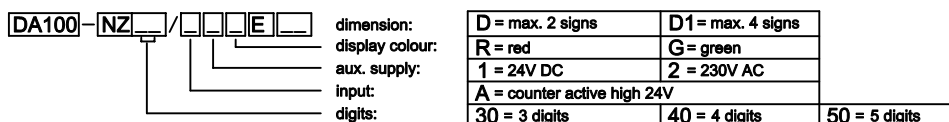
rear connector with screw-type terminals



technical data

aux. supply:	DA100-NZxx/A1...	18-35 V DC
	DA100-NZxx/A2...	100-240 V AC
power consumption:	max. 18 VA	
temperature range:	-25 °C ... +65 °C	
Vorwahlpreset:	programmable	
count inputs:	24V active high add/subtract	
	L < 7V, H > 15V max. 35V	
operating inputs:	24V active high L < 7V, H > 15V max. 35V	
reset:	24V active high reset value programmable	
stop:	24V active high	
start:	24V active low (< 7V: counter starts with pulse)	

count direction (inputs 13+14):	L = add H = subtract
totalizing (input 15):	H = summary of counters Z1+Z2 is displayed
display changeover (input 16):	L = display totalizer Z1 H = display totalizer Z2
data retention of totalizer Z1 and Z2	
input resistance:	15 kOhm
counting frequency:	max. 1kHz
pulse length:	min. 0,1 ms
prescaler:	programmable
display:	100 mm, LED red or green



GS Gebhardt & Schäfer Industrie-Elektronik GmbH

Porschstrasse 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

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. DEUTDE33

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