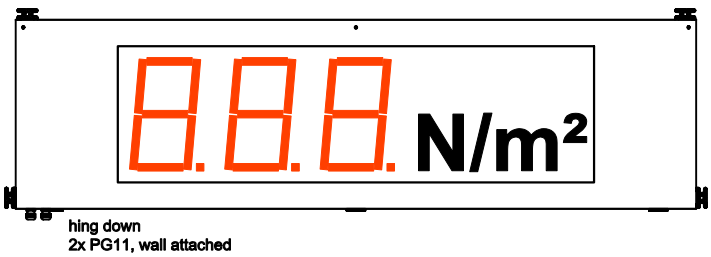
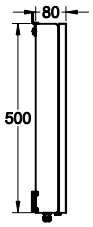
Type : DA300-NPxx/AxxW

BCD/Hex active high

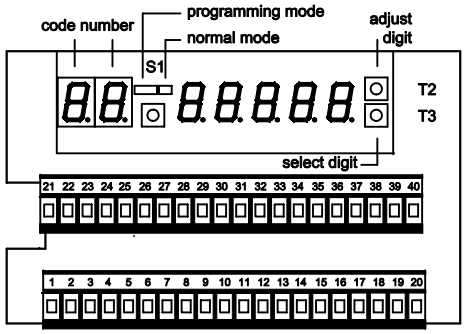
front view — DA300-NP30/AxRWD1



side view



control terms inside of the case

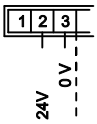


code

code number			input code	data inputs													
00	display 00000			A	L	H	L	H	L	H	L	H	L	H	L	H	L	H
				B	L	L	H	H	L	L	H	H	L	L	H	H	L	L	H	H
	parallel	multiplex		C	L	L	L	L	H	H	H	H	L	L	L	L	H	H	H	H
				D	L	L	L	L	L	L	L	L	H	H	H	H	H	H	H	H
BCD	___11	___01	display		0	1	2	3	4	5	6	7	8	9				
	___12	___02	display		0	1	2	3	4	5	6	7	8	9				
			1st digit			1	4	-										
Hex	___13	___03	display		0	1	2	3	4	5	6	7	8	9	A	b	C	d	E	F
	___14	___04	display		0	1	2	3	4	5	6	7	8	9	A	b	C	d	E	F
			1st digit			1	4	-										

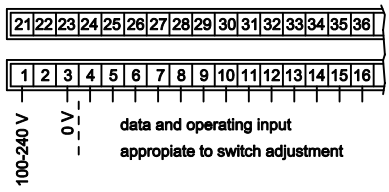
screw type terminals

DA300-NPxx/A1



DC
aux. supply
electrically isolated

DA300-NPxx/A2



AC/DC
aux. supply
electrically isolated

pin out

cn	display	input																																					
00	___00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
BCD	multiplex 01 02	aux. supply			Gnd	ST	A	B	C	D	DT	LE	DP	DT	LE	DP	DT	LE	DP	DT	LE	DP	DT	LE	DP															
Hex	multiplex 03 04						BCD				10^0			10^1			10^2			10^3			10^4																	
BCD	parallel 11 12	aux. supply			Gnd		A	B	C	D	DT	LE	DP	A	B	C	D	DT	LE	DP	A	B	C	D	DT	LE	DP	A	B	C	D	DT	LE	DP	A	B	C	D	DT	LE	DP
Hex	parallel 13 14						BCD 10^0							BCD 10^1							BCD 10^2							BCD 10^3							BCD 10^4					

operation inputs — active high (independent from data inputs)

ST	segment test :	all segments and decimal points are displayed
DT	blanking input :	display blank
DP	decimal point :	dp. displayed
LE	Latch Enable:	display hold
	Display remains although the data on the BCD-input changes	
	after a change of the LE signal from L to H the display stores the	
	informaion received before the signal changed.	

operatin inputs	(X = H oder L)		
DT	H	L	X
LE	X	H	X
ST	L	L	H
Daten	X	X	X
display	blank	latch	test

technical data:

aux. supply:	DA300-NPxx/A1...	18 - 35 V DC
	DA300-NPxx/A2...	100 - 240 V AC/DC
temperature range :	-20 °C . . . +65 °C	
data + operating inputs:	active high	
	max. 35V L < 7V, H > 10V pluse min. 2ms	
input resistance:	15 kOhm	
display height / colour:	LED 300 mm / red or green	

case dimensions

DA300	aluminium case powder seam		bezel width [a]	cutout panel b x h
	case depth (with terms)	86 (98) mm		
DA300-NP _ _ /xxxE	DA300-NP _ _ /xxxE D	DA300-NP _ _ /xxxE D1		
30 888			816	810 x 378
40 8888	30 888 °C		1104	1098 x 378
50 88888	40 8888 °C	30 888 km/h	1344	1338 x 378
	50 88888 °C	40 8888 km/h	1632	1626 x 378
		50 88888 km/h	1824	1818 x 378

DA300 – NP__ / _ _ _ W__

dimension:	D = max. 2 figures	D1 = max.4 figures	
display colour :	R = red	G = green	
aux. supply :	1 = 24V DC	2 = 230V AC	
BCD-inputs :	A = active high 24V		
display :	30 = 3 digits	40 = 4 digits	50 = 5 digits

GS Gebhardt & Schäfer Industrie-Elektronik GmbH
Porschestrasse 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: GENODED1CGN
Kreissparkasse Köln
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IBAN: DE30 3757 0024 0851 0851 00
BIC: DEUTDEDB375
Foreign Payments:
Account-No. 851 085 1
S.W.I.F.T. DEUTDEDB 375

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