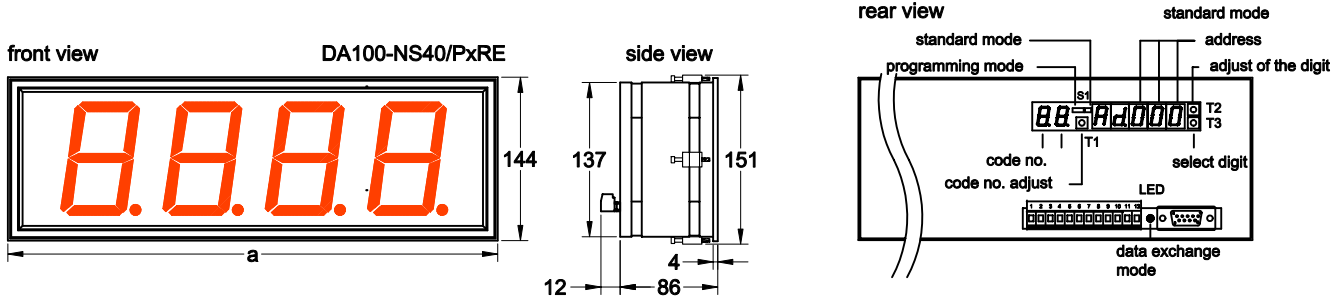


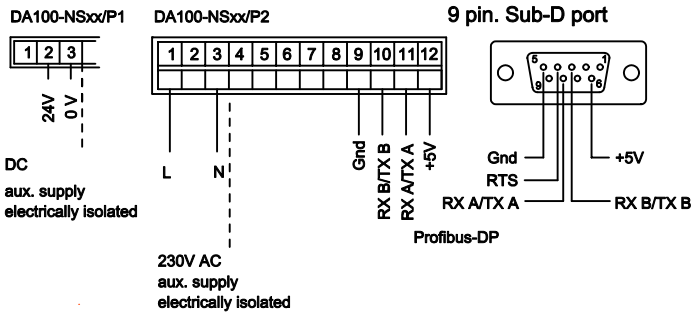
Type: DA100-NSxx/PxxE

interface

Profibus DP



rear connector with screw-type terminals



programming

code no.	display	description
0	Pr 0 0 0 1 2 7	address 1. device 128. device selection digit with T3 selection digit with T2
1	Pr 1 0 1	code BCD ASCII
	EEP	data will be saved

case dimensions

DA100		aluminium mounting-case powder-coated		front-	frontplate
		shell-depth (with terminal) 86 (98) mm		frame	cutout
DA100-NS __ /xxE	DA100-NS __ /xxE D	DA100-NS __ /xxE D1		width [a]	w x h
30	0000			336	330 x 138
40	0000	30 0000 °C		432	426 x 138
50	00000	40 0000 °C	30 000 km/h	528	522 x 138
60	000000	50 0000 °C	40 000 km/h	624	618 x 138
			50 0000 km/h	720	714 x 138

technical data :

power supply :	DA100-NSxx/P1...	18 - 35 V DC
	DA100-NSxx/P2...	100 - 240 V AC/DC
power consumption:		max. 18 VA
temperature range :		-20 °C...+65 °C
display high :		100 mm
LED colour :		red or green
baud rate(self-acting recognition):		≤ 12 MBaud
address (0 ...127):		rear-side input over keypad
protocol :		Profibus-DP
hardware:		SPC3 Feldbus side electrically isolated
protection kind:		IP65 front side

telegram construction ASCII

Byte	description	ASCII
1.	Digit 1 $\cong 10^0$	3xH
2.	Digit 2 $\cong 10^1$	3xH
3.	Digit 3 $\cong 10^2$	3xH
4.	Digit 4 $\cong 10^3$	3xH
5.	Digit 5 $\cong 10^4$	3xH
6.	free	
7.	free	
8.	free	

comma at every place insertable

telegram construction BCD

Byte	function
1.	10^1 10^0 1 1 1 1 1 1 1 1 1 1
2.	10^3 10^2 1 1 1 1 1 1 1 1 1 1
3.	free 10^4 X X X X X 1 1 1 1 1 1
4.	free X X X X X X X X X X
5.	free X X X X X X X X X X
6.	free X X X X X X X X X X
7.	free X X X X X X X X X X
8.	free comma display X X X X X 0 0 0 0 0 0000 0 0 0 1 0000,0 0 0 1 0 000,0 0 0 1 1 00,00 0 1 0 0 0,0000

character set:

Hex	20	2C	2D	2E	30	31	32	33	34	35	36	37	38	39	3D	41	43	45	46	48	4C	50	55	5D	5F	62	63	64	68	6E	6F	72	75	78	7E
Digit	.	-	.	0	1	2	3	4	5	6	7	8	9	=	A	C	E	F	H	L	P	U]	_	b	c	d	h	n	o	r	u	°	+	≡

unknown sing

DA100-NS__ /P__ E__	dimension :	D = max. 2 figures	D1 = max. 4 figures
	LED colour :	R = red	G = green
	aux. supply :	1 = 24V DC	2 = 230V AC/DC
	input :	P = Profi Bus L2DP	
	number of digits :	30 = 3 digits	40 = 4 digits 50 = 5 digits

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