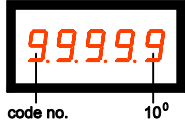


# Type: DA08-NS50/Pxx Profibus DP

DA08-NS50/PxR  
case 48 x 24 mm



DA08-NS50/PxR- 7  
case 72 x 24 mm



DA08-NS50/PxR-4  
case 48 x 48 mm

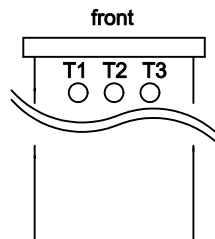


## programming mode

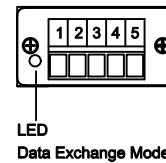
enter into programming mode and to the next code-number by operating of push-button T3

code-number	display	description
0	Pr 0 0 0 0 1 2 7	address 1. device 128. device select digit with T2 adjust selected digit with T1
1	Pr 1 0 1	code BCD ASCII
	0	brightness adjustment (0 ... 9) 0 = bright 9 = dark
	EEP	data will be saved instrument changes into standard mode

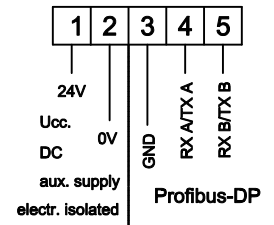
## top view



## rear view



## rear connector with screw-type terminals



## technical data

aux. supply:	18 - 35 VDC
power consumption:	max. 1,8 VA
temperature range:	0 ... 50 °C
panel cutout	DA08-NS50/P1xx: 45(+0,6) x 22,2(+0,3)mm DA08-NS50/P1xx-4: 45(+0,6) x 45(+0,3)mm DA08-NS50/P1xx-7: 68(+0,7) x 22,2(+0,3)mm
mounting depth:	91 mm
bezel height:	5,25 mm
display:	height 7,62mm, LED red or green
baud rate(self-acting recognition):	≤ 12MBaud
addresses (0 ...127):	programmable top side over keypad
protocol:	Profibus-DP
hardware:	SPC3 Feldbus side electrically isolated

## 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.		

decimal point at every position insertable

## telegram construction BCD

byte	function
1.	$10^1$
	$10^0$
2.	$10^3$
	$10^2$
3.	free
	$10^4$
4.	free
	free
5.	free
	free
6.	free
	comma
	display
	0 0 0 0 0 0 0 0
	0 0 0 0 1 0 0 0,0
	0 0 1 0 0 0 0,00
	0 0 1 1 1 0 0,000
	0 1 0 0 0 0,0000

## sign rate:

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	□	4	≡

## unknown sign

DA08-NS50/P1	case dimension:	without	4	7
		= 48 x 24 mm	= 48 x 48 mm	= 72 x 24 mm
	LED colour:	R = Red	G = Green	
	aux. supply:	1 = 24 VDC		
	interface:	P = Profibus DP		
	digits:	50 = 5 digits		

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