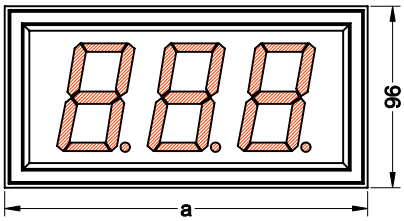
Type: DA55-NSxx/PxxE

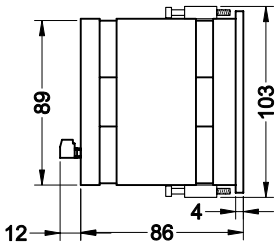
interface ProfiBus DP

front view

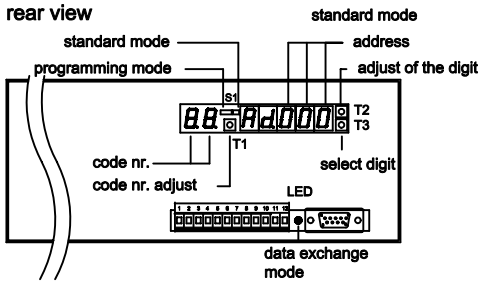
DA55-NS30/PxRE



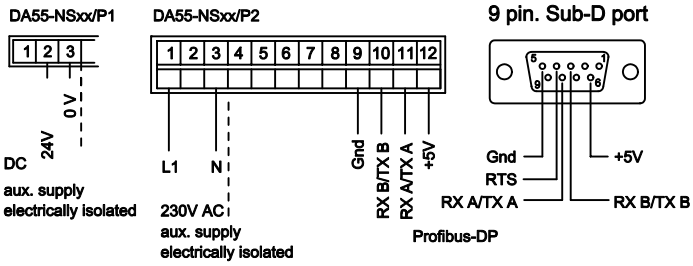
side view



rear view



rear connector with screw-type terminals



programming

code nr.	display		description
		0 0 0	
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

DA55	aluminium mounting-case powder seam black shell-depth (with termial) 86 (98) mm		front-frame width [a]	frontplate cutout w x h
DA55-NS _ _ /xxxE	DA55-NS _ _ /xxxE D	DA55-NS _ _ /xxxE D1		
30 888			192	186 x 90
40 8888	30 888 °C		240	234 x 90
50 88888	40 8888 °C	30 888 km/h	288	282 x 90
60 888888	50 88888 °C	40 8888 km/h	336	330 x 90
	60 888888 °C	50 88888 km/h	384	378 x 90
		60 888888 km/h	432	426 x 90

technical data :

power supply :	DA55-NSxx/P1...	18 - 35 V DC
	DA55-NSxx/P2...	100 - 240 V AC
current reception :		max. 12 VA
temperature area :		-20 °C....+65 °C
display height:		57 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 fronts site

telegram construction ASCII

Byte	description	ASCII	
1.	Digit 1 ≙ 10^0	3xH	decimal point at every position insertable
2.	Digit 2 ≙ 10^1	3xH	
3.	Digit 3 ≙ 10^2	3xH	
4.	Digit 4 ≙ 10^3	3xH	
5.	Digit 5 ≙ 10^4	3xH	
6.	Digit 6 ≙ 10^5	3xH	
7.			
8.	*free*		

telegram construction BCD

Byte	function							
1.	10^1				10^0			
	1	1	1	1	1	1	1	1
2.	10^3				10^2			
	1	1	1	1	1	1	1	1
3.	10^5				10^4			
	1	1	1	1	1	1	1	1
4.	*free*				*free*			
	X	X	X	X	X	X	X	X
5.	*free*				*free*			
	X	X	X	X	X	X	X	X
6.	*free*				*free*			
	X	X	X	X	X	X	X	X
7.	*free*				*free*			
	X	X	X	X	X	X	X	X

8.	*free*				dec.point	display
	X	X	X	X	0	0	0	0	000000
					0	0	0	1	00000,0
					0	0	1	0	0000,00
					0	0	1	1	000,000
					0	1	0	0	00,0000
					0	1	0	1	0,00000

sign rate :

unknown sign

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	°	H	Ξ

DA55 – 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		
input :	P = Profi Bus DP			
number of digits:	30 = 3 digits	40 = 4 digits	50 = 5 digits	60= 6 digits

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