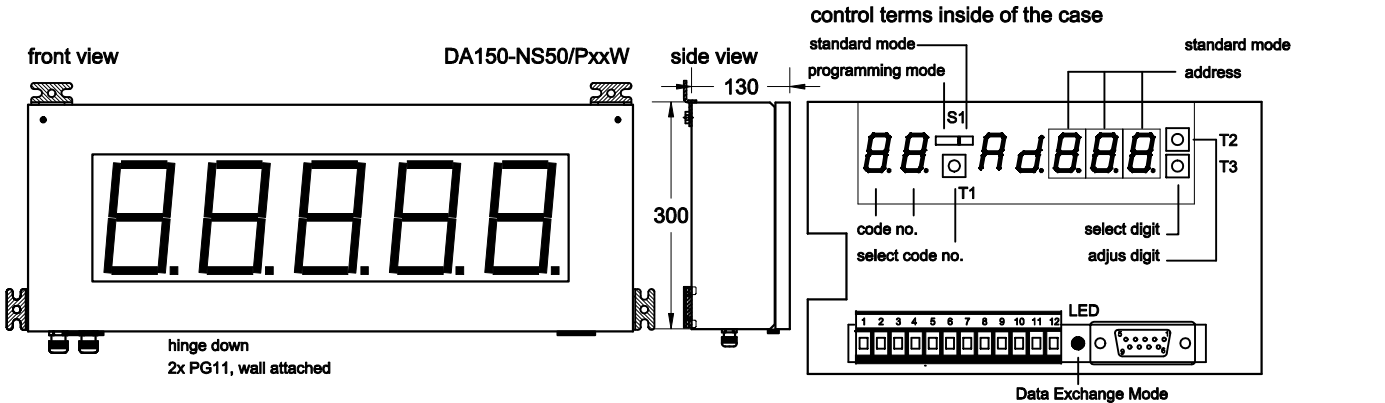


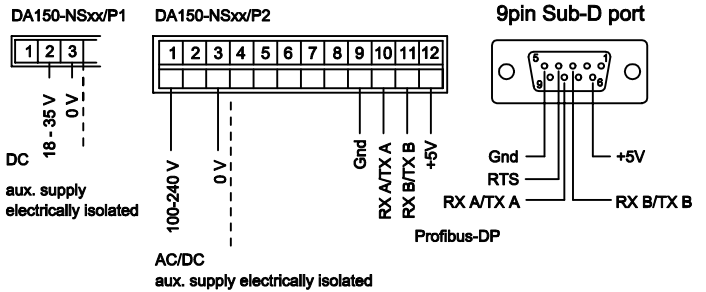
# Type: DA150-NSxx/PxxW



## interface Profibus L2DP



### screw-type terminals



### programming mode

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

### case dimensions

DA150			steel tin mounting case powder seam RAL7032		outside dimensions mm	
DA150-NS __ /xxW	DA150-NS __ /xxW D	DA150-NS __ /xxW D1	bright x height x depth			
30	000		600	300	130	
40	0000	30 000 °C	700			
50	00000	40 0000 °C	800			
		30 000 km/h	900			
		40 0000 km/h	1000			

### technical data:

aux. supply:	DA150-NSxx/P1...	18 - 35 V DC
	DA150-NSxx/P2...	100 - 240 V AC/DC
temperature range:	-20 °C...+65 °C	
display height:	150 mm	
LED colour:	red or green	
baud rate (self-acting recognition):	≤ 12 MBaud	
addresses (0 ...127):	input over keypad inside case	
protocol:	Profibus-DP	
hardware:	SPC3 Fieldbus side electrically isolated	
protection kind:	IP65	

### telegram structure ASCII

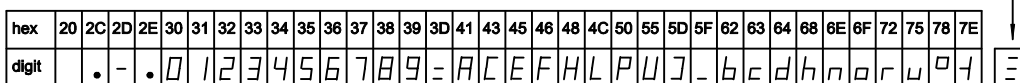
byte	description	ASCII
1.	digit 1 $\hat{=}$ 10 <sup>0</sup>	3xH
2.	digit 2 $\hat{=}$ 10 <sup>1</sup>	3xH
3.	digit 3 $\hat{=}$ 10 <sup>2</sup>	3xH
4.	digit 4 $\hat{=}$ 10 <sup>3</sup>	3xH
5.	digit 5 $\hat{=}$ 10 <sup>4</sup>	3xH
6.		
7.	free	
8.	free	

decimal point at every position insertable

### telegram structure BCD

byte	function
1.	10 <sup>1</sup> 10 <sup>0</sup> 1 1 1 1 1 1 1 1
2.	10 <sup>3</sup> 10 <sup>2</sup> 1 1 1 1 1 1 1 1
3.	free 10 <sup>4</sup> X X X X 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 0000 0 0 0 1 0000,0 0 0 1 0 000,0 0 0 1 1 00,000 0 1 0 0 0,0000

### sign rate:



DA150-NSxx/PxxW	dimension:	D = max. 2 figures	D1 = max. 4 figures
	LED colour:	R = red	G = green
	aux. supply:	1 = 24V DC	2 = 230V AC
	Interface:	P = Profi Bus L2DP	
	display:	30 = 3 digits	40 = 4 digits 50 = 5 digits

### GS Gebhardt & Schäfer Industrie-Elektronik GmbH

Moltkestraße 44a, D-42799 Leichlingen  
Postfach 15 52, D-42786 Leichlingen  
Tel. +49 (0) 21 75 / 89 91 30  
Fax +49 (0) 21 75 / 89 91 39  
Internet: <http://www.GS-GmbH.de>  
E-Mail: [info@GS-GmbH.de](mailto:info@GS-GmbH.de)

Deutsche Bank 24  
Konto-Nr. 851 085 100  
BLZ 375 700 24  
Kreissparkasse Köln  
Konto-Nr. 031 200 61 45  
BLZ 370 502 99

Foreign Payments:  
Deutsche Bank 24  
Account-No. 851 085 1  
Bank Code 375 700 24  
IBAN DE 81375700240008510851  
S.W.I.F.T. DEUTDEDK 375

Geschäftsführer:  
Karlheinz Schäfer  
Guido Gebhardt  
USt.-Nr. DE 123713297  
Amtsgericht Köln  
HRB 48860