

Type: DA10-NAxx/Exxx

Current/Voltage

20mA/10V DC

DA10-NA40/Exxx
case 48 x 24 mm



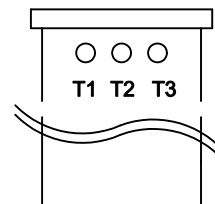
DA10-NA40/Exxx-7
case 72 x 24 mm



DA10-NA40/Exxx-4
case 48 x 48 mm



top side view
front



programming mode

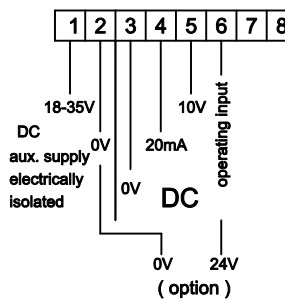
enter into programming mode and to the next menu-position
by operating of push-button T3

menuposition	display	description
Pr	Pr	0 = calibration EXTERNAL A = calibration INTERNAL current (max. 20mA) U = calibration INTERNAL voltage (max. 10V)
0	P 0	input min. display value select digit with T2 adjust digit with T1
1	P 1	P-L take-over min. input signal with T2 (EXT. to be supplied) calibration INTERNAL: enter min. internal signal select digit with T2 adjust digit with T1
2	P 2	input max. display value select digit with T2 adjust digit with T1
3	P 3	P-H take-over max. input signal with T2 (EXT. to be supplied) calibration INTERNAL: enter max. internal signal select digit with T2 adjust digit with T1
4	P 4	-- 99 - L - - average value of 1-99 measurements line-break-indicator with value falling 25% below measured signal: - = no L = yes
5	P 5	2/5/10 half correction of last digit by steps of 2, 5 or 10
6	P 6	-- 0 brightness adjustment (0 ... 9) 0 = bright 9 = dark only for instruments with operating input (option) -- 1 -- 0 = operating input off 4 = display shows ON 1 = blanking input 5 = display shows OFF 2 = segment-test 6 = display shows HELP 3 = display hold

number of digits

article	display
DA10-NA30/Exxx	0000
DA10-NA31/Exxx	± 0000
DA10-NA40/Exxx	0000

Rear connector with screw-type
terminals



input	Ri
4	50 Ohm
5	150 kOhm

display messages:

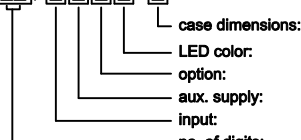
EEP	EEPROM under programming
----	overflow (flashing of display segments in the middle)
- -	line break indicator

resolution	DA10-NA30/Exxx:	-199...999
	DA10-NA31/Exxx:	-1999...+1999
	DA10-NA40/Exxx:	-1999...9999

technical data:

aux. supply:	18 - 35 VDC
display height:	10 mm, LED red or green
power consumption:	max. 1 VA
measuring range voltage:	-10V ... +10V DC
measuring range current:	-19mA ... +20mA DC
principle of measurement:	dual-slope-integration
conversion rate:	approx. 5 measurements/sec.
error of measurements:	+/- 0,01% of measuring value, +/- 1 digit
overflow:	flashing of display segments in the middle
temperature range:	-20 °C...+65 °C
controls:	on the top side
mounting depth (without plug):	86 mm (79 mm)
panel cutout	DA10-NAxx/Exxx: 45(+0,6) x 22,2(+0,3) mm
panel cutout	DA10-NAxx/Exxx-4: 45(+0,6) x 45(+0,6) mm
panel cutout	DA10-NAxx/Exxx-7: 68(+0,7) x 22,2(+0,3) mm
bezel height	5,25 mm

DA10-NA



case dimensions:	without = 48 x 24mm	4 = 48 x 48mm	7 = 72 x 24mm
LED color:	R = red	G = green	
option:	0 = none	F = operating input	
aux. supply:	1 = 24VDC		
input:	E = DC current/voltage 20mA/10V		
no. of digits:	30 = 3 digits	31 = 3-1/2 digits	40 = 4 digits

DA10-NA

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