

±1888

# Data Sheet

## DPA08-xxE1xx DPA10-xxE1xx

## Digital Panel Meters, programmable

current / voltage  
20mA / 10V DC

case 48 x 24 mm

DPA08-30E1xx



DPA08-31E1xx



DPA08-40E1xx



DPA08-41E1xx



DPA08-50E1xx



DPA10-30E1xx



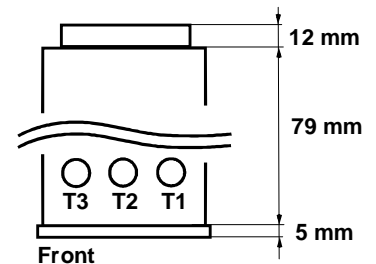
DPA10-31E1xx



DPA10-40E1xx



topside



### 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 display min. value select digit with T2 adjust digit with T1
1	P1	P - L calibration EXTERNAL: (signal to be supplied) take over min. signal with T2 calibration INTERNAL: enter min. internal signal select digit with T2 adjust digit with T1
2	P 2	input display max. value select digit with T2 adjust digit with T1
3	P 3	P - H calibration EXTERNAL: (signal to be supplied) take over max. signal with T2 calibration INTERNAL: enter max. internal signal select digit with T2 adjust digit with T1
4	P 4	--- 9 9 - L --- average value of 1 - 99 measurements line break indicator with falling 25% below measured signal - = no L = yes
5	P 5	2/5/10 half correction of last digit by steps of 2, 5, 10

only for displays with operating input DPAxx-xxE1Fx

menuposition	display	description
6	P 6	--- 0 free 0 = operation input off 1 = blanking input 4 = display shows ON 2 = segment test 5 = display shows OFF 3 = display hold 6 = display shows HELP

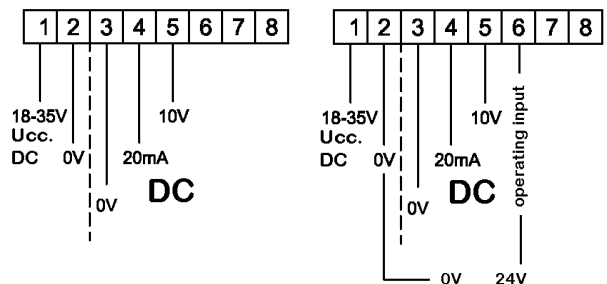
### display messages

EEP	EEProm under programming
- - -	overflow (segments in the middle are flashing)
- 11 -	line break indicator

### rear connector with screw-type terminals

DPAxx-xxE10x

DPAxx-xxE1Fx



### technical data

aux. supply:	18 - 35V DC (electrically isolated)
power consumption:	max. 1 VA
max. display value:	programmable
min. display value:	programmable
conversion rate:	approx. 5 per sec.
measuring range current:	-19 ... +20mA DC (Ri=50Ohm)
measuring range voltage:	-10 ... +10V DC (Ri=150kOhm)
principle of measurement:	dual-slope-integration
conversion error:	+/-0,01% of measuring value +/- 1 digit
overflow:	segments in the middle are flashing
average value:	adjustable of 1...99 measurements
temperature range:	-20°C ... +65°C
digit height:	DPA08-xxE1xx 7,62 mm DPA10-xxE1xx 10 mm
LED-color:	DPAxx-xxE1xR red DPAxx-xxE1xG green
panel cutout:	45(+0,6) x 22,2(+0,3) mm
mounting depth:	91 mm (at front 48 x 24 mm)
bezel height:	5,25 mm
case options:	DPAxx-xxE1xx 48 x 24 mm DPAxx-xxE1xx-4 48 x 48 mm DPAxx-xxE1xx-7 72 x 24 mm

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- specifications subject to change without notice; date of issue 01/02 -