

Type: DBA-EA23/M DBA-EA30/M



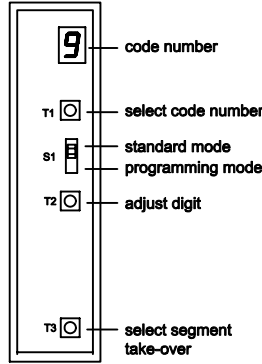
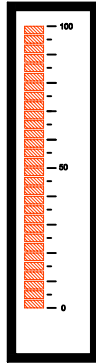
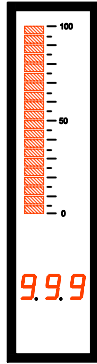
PT100 TEMPERATURE

case 96 x 24 mm

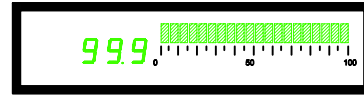
DBA-EA23/MxxRH

DBA-EA30/MxxRH

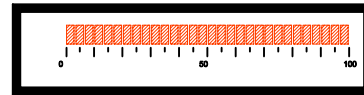
controls
behind front glass



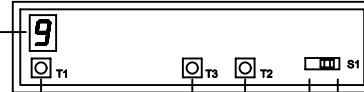
DBA-EA23/MxxGQ



DBA-EA30/MxxRQ



controls behind front glass



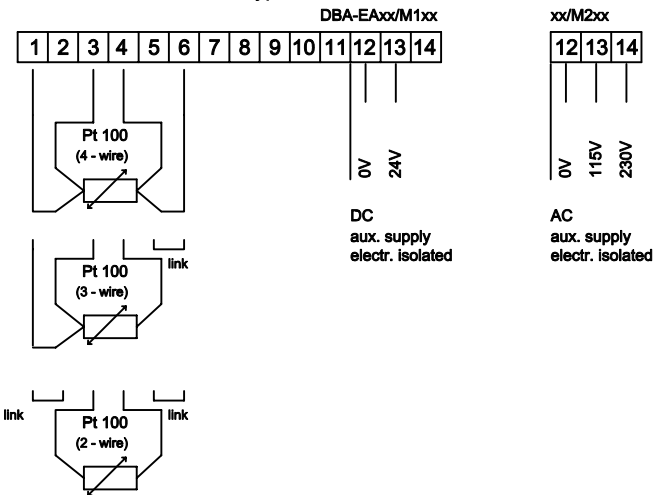
programming

code number	display	description
0	--- 1	PT100 -19,9 .. 99,9 °C / 99,9 °F
	--- 2	PT100 -199 .. 800 °C / 999 °F
	□ C	PT100 °Celsius
	□ F	PT100 °Fahrenheit
1	--- --	zero adjustment for PT100 2-/3-wire
	1. --	carry out zero adjustment
	0. --	delete zero adjustment
2		zero adjustment take-over with T3
3		max. display value of bargraph



technical data

aux. supply:	DBA-EAxx/M1xxx:	18-35V DC
	DBA-EAxx/M2xxx:	115/230V AC
power consumption:	max. 2,5 VA	
measuring range:	PT100 -19,9 to 99,9 °C	
	-199 to 800 °C	
	-19,9 to 99,9 °F	
	-199 to 999 °F	
conversion rate:	approx. 1 per second	
principle of measurement:	Dual-Slope-Integration	
error of measurement:	+/- 0,1% of measured value, +/- 1 digit/segment	
resolution:	+/- 1 K (PT100 200 °C : +/- 0,1K)	
overflow:	flashing of display segments in the middle and every 2nd scale segment	
mount.depth (without plug):	114 mm (102 mm)	
panel cutout:	92(+0,8) x 22,2(+0,3) mm	
bezel height:	7,5 mm	
controls behind removable filter disk		

rear connector with screw-type terminal

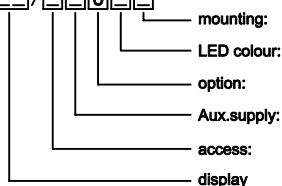


display-messages

EEP	EEprom under programming	EA30/M
----	overflow (flashing of middle segment)	
	linebreak indication for value falling below measured	

display height:	DBA-EA23/xxxx	7 mm	3-digits
resolution:	-99...999		
length of scale:	DBA-EA23/xxxx	50 mm	20 segments
	DBA-EA30/xxxx	75 mm	30 segments
resolution:	1 segment		
end value of scale is according to adjusted max. display value			

DBA - EA / / 0



H = vertical	Q = horizontal
R = red	G = green
see data sheet at the end of chapter	
1 = 24V DC	2 = 115/230VAC
M = PT100 Temperatur	
23 = 20 segments	30 = 30 segments

DBA - EA / / 0

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