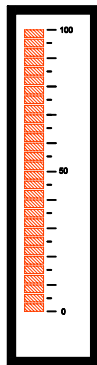


# Type: DBA-EA30/D

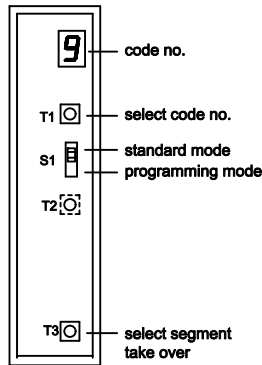
## DC current/voltage mV/mA

case 96 x 24 mm

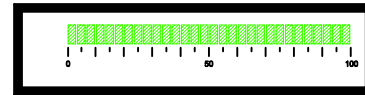
DBA-EA30/DxxRH



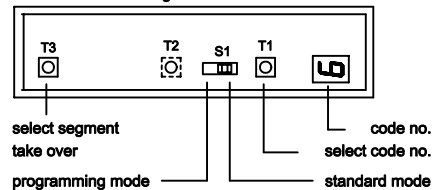
controls  
behind front glass



DBA-EA30/DxxGQ



controls behind front glass

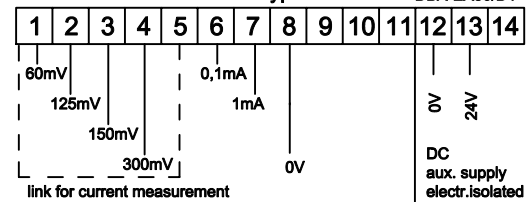


KZ = code no.

### programming mode

KZ	scale	description
0		min. input signal to be applied take over with T3
1		max. input signal to be applied take over with T3
2	each segment 1 measurement	average value of 1-30 measurements
3	each 2nd segment flashing	line brak indication with value falling 25% below measured value (4-20mA) all segments off = no
	1. segment flashing	full scale indication zero BOTTOM 0 → 100%
	2. segment flashing	full scale indication reciprocal zero BOTTOM 0 ← 100%
	3. segment flashing	point scale indication zero BOTTOM 0 → 100%
	4. segment flashing	full scale indication zero CENTER -100% ← 0 → +100%
	5. segment flashing	point scale indication zero CENTER -100% ← 0 → +100%
	6. segment flashing	full scale indication zero TOP 100% ← 0
4	7. segment flashing	full scale indication reciprocal zero TOP 100% → 0

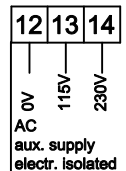
rear connector with screw-type terminals DBA-EA30/D1



input resistance

terminal	Ri
1	100 kOhm
2	220 kOhm
3	270 kOhm
4	560 kOhm
6	560 Ohm
7	68 Ohm

DBA-EA30/D2



### technical data

aux. supply:	DBA-EA30/D1xxx:	18-35V DC
	DBA-EA30/D2xxx:	115/230V AC
power consumption:	max. 2,5 VA	
measuring range (V):	60mV/125mV/150mV/300mV	
measuring range (A):	0,1mA / 1mA	
display max./zero:	programmable	
conversion rate:	approx. 1 per second	
principle of measurement:	dual-slope-integration	
error of measurement:	+/- 0,1% of measured value +/- 1 digit/segment	
average value:	adjustable 1-30 measurements	

### display messages

EEProm under programming	
overflow (flashing of each 2nd segment)	
line-break indication:	

scale length:	75 mm	30 segments
resolution:	1 segment	
end value of scale is according to adjusted max. display		
panel cutout:	92(+0,8) x 22,2(+0,3) mm	
mount.depth (without plug):	114 mm (102 mm)	
bezel height:	7,5 mm	
option:	Min.-Max.-Memory-Function	
controls are accessible through the front glass		
recall min.-and max.-value with key.		

DBA - EA - / D - 0 - M - addition for min.-max.-memory-function

mounting:	H = vertical	Q = horizontal
display colour:	R = red	G = green
options:	see data sheets at the end of chapter	
aux. supply:	1 = 24V DC	2 = 115/230V AC
display:	30 = 30 segments	

### GS Gebhardt & Schäfer Industrie-Elektronik GmbH

Porschestraße 11  
D-51381 Leverkusen  
Tel. +49 (0) 21 71 / 73 72 2 -0  
Fax +49 (0) 21 71 / 73 72 2 -39  
Internet: <http://www.GS-GmbH.de>  
E-Mail: [info@GS-GmbH.de](mailto:info@GS-GmbH.de)

Kölner Bank eG  
IBAN: DE62 3716 0087 0940 9250 10  
BIC: GENODED1CGN  
Kreissparkasse Köln  
IBAN: DE65 3705 0299 0312 0061 45  
BIC: COKSDE33

Deutsche Bank AG  
IBAN: DE30 3757 0024 0851 0851 00  
BIC: DEUTDE33  
Foreign Payments:  
Account-No. 851 085 1  
S.W.I.F.T. DEUTDEDB 375

Geschäftsführer: 2.8  
Karlheinz Schäfer  
Guido Gebhardt  
USt.-Nr. DE 123713297  
Amtsgericht Köln, HRB 48860  
D-U-N-S@: 340802073