

## Bargraph indicator BA9624/7224/4824N2



- Universal design for 0/4..20 mA, 0..10 V DC
- Red or green LED display, selectable
- Vertical and horizontal mounting
- Configuration with button and coding switch
- 8 different types of notation, adjustable as bars, dot or curtain
- free selection of direction and notation of the middle (e.g. bars starting from the middle)

### Features

Bargraph indicators of the BAXX24N2 series are especially suited to display constantly changing readings. Due to the compact housing they can be easily integrated into control panels and graphs.

The BA9624N design is particularly suitable for processing unit signals 0/4-20 mA and 0 to 10 V DC. The adaptation to the respective input signal results from the terminal. The configuration is to be done by a button and a coding switch on the back of the device.

### Technical data

#### Power supply

Power voltage	: 24 V DC $\pm$ 10 %
Current consumption	: ca. 2VA
Operating temperature	: 0..+60 °C
Humidity	: 0..80%, rel. humidity, without condensation
CE-compliance	: Yes

#### Measuring input

Current input	: 0/4 ..20 mA, 2-, or 3-wire
Voltage input	: 0..10 V DC, 3-wire
Input resistance	: Ri at: 10 V = 200 k $\Omega$ , 20 mA = 100 $\Omega$

#### Accuracy

Resolution	: 14 Bit (at 0,1s measuring time)
Basic accuracy	: 0,5% of end value, +/- 1 Digit
Temperature coefficient	: 100 ppm/K

#### Indicator

Scope	
BA9624N2	: 30 Segments (BA9624N2)
BA7224N2	: 20 Segments (BA7224N2)
BA4824N2	: 10 Segments (BA4824N2)
Segments dimension	: 2x4 mm
Colour	: red or green

#### Housing

BA9624N2	: DIN 96x24x60 (75)mm
BA7224N2	: DIN 72x24x32 (53)mm
BA4824N2	: DIN 48x24x30 (55)mm ( ) incl. terminals

#### Design

: PC, black colour

#### Attachment

: Snap-in screw to 3 mm, wall thickness

#### Weight

: 100 g

#### Connection

: Rear connection terminals, max 2.5 mm<sup>2</sup>,  
protection class IP00

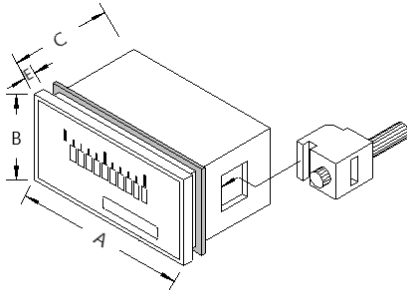
#### Protection class

: Front IP65

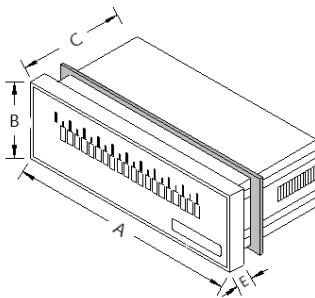
**Product Information**

**Dimensions**

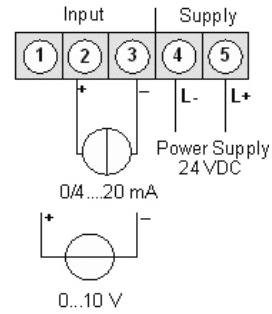
Typ	A [mm]	B [mm]	C [mm]*	E [mm]
BA9624N2	96	24	60 (75)	3
BA4824N2	48	24	30 (55)	3



Typ	A [mm]	B [mm]	C [mm]	E [mm]
BA7224N2	72	24	32 (53)	5



**Terminal assignment**



**Ordering code**

1. 2. 3. 4. 5. 6. 7.  
 BA  -  -  -  -  -  -

<b>1. Model</b>	
4824N2	10 segments
7224N2	20 segments
9624N2	30 segments
<b>2. Mounting</b>	
1	vertical
2	horizontal
<b>3. Bargraph colour</b>	
1	red/grün, selectable
<b>4. Power supply</b>	
5	24 V DC with galvanic isolation
<b>5. Input signal</b>	
0	0/4..20 mA, 0..10 VDC
<b>6. Measuring range scale 0..100 %</b>	
10	universal design
<b>7. Protection class</b>	
2	IP65