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Bargraph Indicator BA4824

- **Multipurpose device for 0/4..20 mA, 0/2..10 V and potentiometer**
- **LED bargraph color red or green**
- **Vertical or horizontal mounting**
- **Positive and negative overflow indicator**

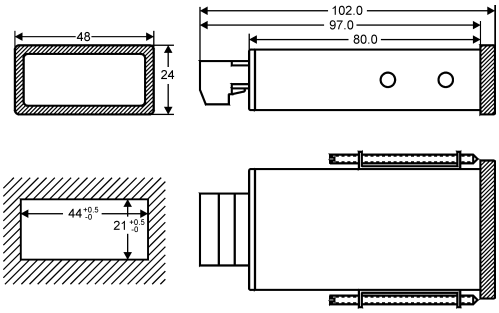
Characteristics

Mono-color bargraph displays can be used for monitoring analog trend indication. The small cases are suitable for installation in control units and panel boards.
There are several input versions available, even a multipurpose device for standardized input signals (0/4..20 mA, 0/2..10 V) and resistance sensors (0..1 kΩ /100 kΩ). The configuration is easily done by 4 DIP switches.

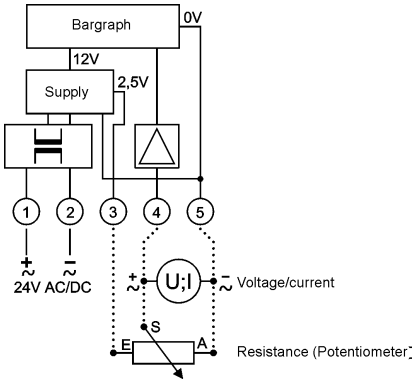
Technical data

Power supply	
Supply voltage	: 24 V AC/DC ± 20 %
Frequency	: 47..63 Hz
Power consumption	: ≤ 60 mA
Operating temperature	: -10..+50 °C
CE- conformity	: EN 55022, IEC 61000-4-2/4/11
Input	
Voltage	: Ri = 4 kΩ/V x measuring range [V]
Overload	: max. 3-times nominal voltage max. 48 V
Current	: Ri = 0.5 Ω x A ÷ measuring range [A]
Overload	: max. 3-times nominal current
Multipurpose	: Ri = 125 Ω
Resistance input	: Ri ≥10 MΩ
Reference voltage	: 2.5 V, max. 5 mA
Accuracy	: ≤ 0.5 % ±1 Segment
Bargraph display	
Range	: 13 segments (11 active + 2 overflow)
Color	: red or green
Bar size	: 2 x 5 mm
Segment grid	: 0.1" = 2.54 mm
Case	: DIN 48x24 mm, mounting depth 97 mm
Type	: slide- in case according to DIN 43700, material Noryl SE1 GFN2 panel cut-out 44x21 mm
Weight	: 75 g
Connection	: plug-in screw terminals, max 1.5 mm²
Protection class	: front IP54 or IP65, terminals IP20 acc. to BGVA3

Dimensions



Connection diagram



Ordering code

BA4824 - 1. ☐ - 2. ☐ - 3. ☐ - 4. ☐ - 5. ☐ - 6. ☐ - 7. ☐

1.	**Model**	
	4824	13 segments
2.	**Mounting**	
	1	vertical
	2	horizontal
3.	**Bargraph color**	
	1	red
	2	green
4.	**Supply voltage**	
	2	24 V AC/DC with isolation
5.	**Input signal**	
	0	multipurpose device
		custom signals on request
6.	**Measuring range scale 0..100 %**	
	10	multipurpose device
		custom scale on request
7.	**Protection class**	
	1	IP54
	2	IP65