

Bargraph displays

Series BG



- ⇒ any lengths and widths of bars
- ⇒ single- and double-sided construction
- ⇒ simple configuration

GENERAL

The bargraph displays of the series BG are used for an optical display of data or values which are within fixed limits. This allows a fast quantitative recognition of a value.

Filling levels or measured values can for instance be displayed.

Bargraph displays are available in any number, width, length or colour of bars.

Measuring units or a zero to hundred per cent scale can be printed on the front.

POSSIBLE FIELDS OF APPLICATION

Our bargraph displays of the series BG can be used for instance in the following applications:

- Filling levels
- Water lines
- Bar diagrams
- Measured values

TECHNOLOGY

The bargraph displays of the series BG are solely available in LED technology, both for indoor and outdoor usage.

The bar width is freely selectable in a very wide range. The bar length is also optional. The display can be equipped with 1- or 2-coloured LEDs, so that a defined threshold value can cause a change of colours.

On request measuring units or a zero to hundred per cent scale can be printed on the front.

Power supply: 230 VAC or 24 VDC, others on inquiry.

Indoor usage

No direct sunshine

bar width: 5 mm, 30 mm, 50 mm, 60 mm, 75 mm, 100 mm, 120 mm

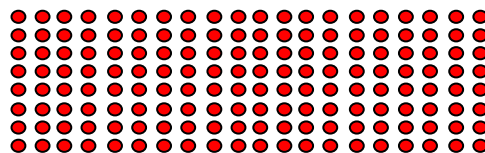
colours of LEDs: 1-coloured in red, yellow or green
3-coloured in red, yellow and green

bar width 5 mm:



Here the various segments consist of complete signs with the dimensions of (w x h):
5,08 x 1,78 mm

bigger bar widths:



Here the various segments consist of round single spots with certain diameters. These spots can be arranged into any desired segments.

pixel distance	bar width	bar length	bar colour
4,7 mm	30 mm	partition into 40	1-coloured
4,7 mm	60 mm	partition into 40	1-coloured
4,7 mm	75 mm	partition into 40	1-coloured
7,62 mm	50 mm	partition into 32	1- and 3-coloured
7,62 mm	100 mm	partition into 32	1- and 3-coloured
7,62 mm	120 mm	partition into 32	1- and 3-coloured

Outdoor usage

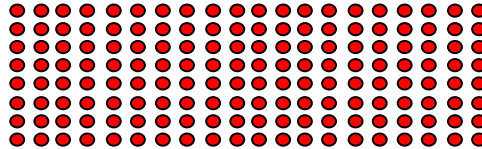
All bargraph displays for outdoor usage are perfectly readable even in direct sunshine. They are equipped with an automatic brightness control according to the daylight.

bar width: 30 mm, 50 mm, 60 mm, 75 mm, 100 mm, 120 mm

colours of LEDs: 1-coloured in red, yellow, green, blue or white

3-coloured in red, yellow and green

Display for all bar widths:



The various segments consist of round single spots with certain diameters. These spots can be arranged into any desired segments.

pixel distance	bar width	bar length	bar colour
4,7 mm	30 mm	partition into 40	1-coloured
4,7 mm	60 mm	partition into 40	1-coloured
4,7 mm	75 mm	partition into 40	1-coloured
7,62 mm	50 mm	partition into 32	1- and 3-coloured
7,62 mm	100 mm	partition into 32	1- and 3-coloured
7,62 mm	120 mm	partition into 32	1- and 3-coloured
10,0 mm	70 mm	partition into 32	1- and 3-coloured
10,0 mm	140 mm	partition into 32	1- and 3-coloured
10,0 mm	160 mm	partition into 32	1- and 3-coloured

INTERFACES

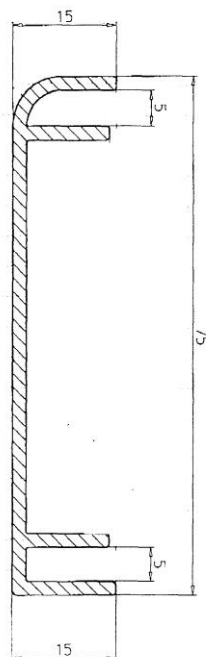
- 0/4..20 mA
- 0..10 V
- RS 232 or RS 485
- Binary code
- BCD code
- Profibus
- Ethernet (TCP/IP)

Adjustments to several other protocols are possible at any time.

THE HOUSINGS

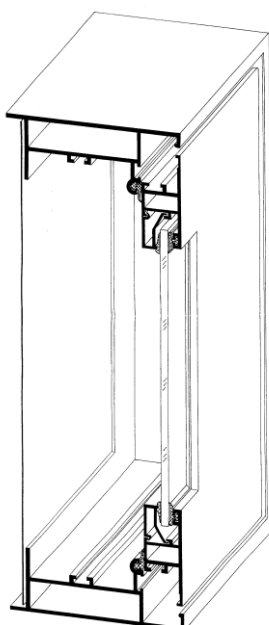
Housing of the Series AL075

construction:	1-or 2-sided
application field:	only indoor
depth:	75 mm
housing material:	aluminium profile
housing colour:	standard: powder-coated in RAL 9011 (graphit black) option: all RAL-colours deliverable
open the housing:	at the left or right side

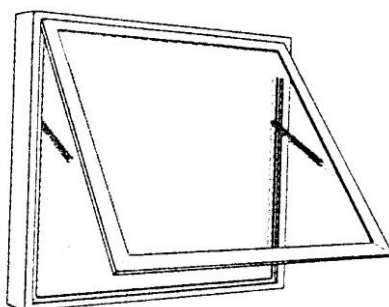


Housing of the Series D120

construction:	1- or 2-sided
application field:	indoor and outdoor weatherproof and especially suitable for outdoor purposes As the housing has a forced ventilation, under normal conditions there is no condensation inside the housing.
depth:	120 mm
housing material:	double section aluminium profile
housing colour:	standard: silver anodized, seawater-resistant aluminium alloy option: all RAL-colours deliverable
open the housing:	from the front: Please unlock the front door and turn it up. The front door will be kept open by gas-pressurized springs.



Open the housing by gas-pressurized springs.



Housing of the Series Sheet Steel or Stainless Steel

construction:	1- or 2-sided
application field:	indoor
depth:	90 or 120 mm
housing material:	sheet steel powder-coated or stainless steel brush-finished
housing colour::	with sheet steel: standard: RAL 9011 (graphit black) option: all RAL-colours deliverable
open the housing:	from the front by means of a rotor

