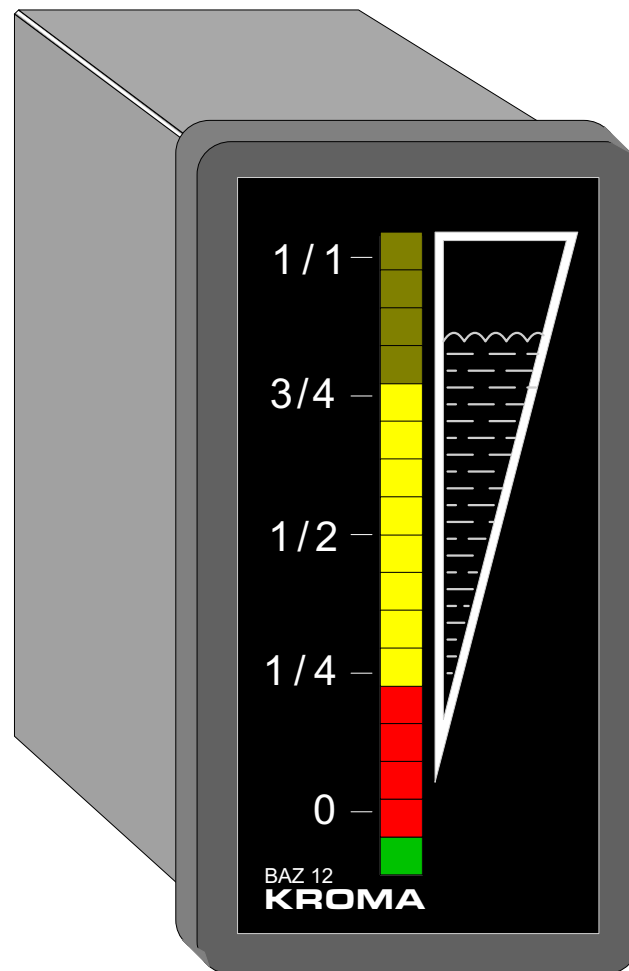


# Level Indicator



## BAZ 12

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# BAZ 12 Level Indicator

## Description

KROMA BAZ 12 level indicators serve to display liquid levels by means of a resistor-type sensor (e. g. KROMA MWA). Sixteen varicoloured extra bright light-emitting diodes being arranged as a luminous band guarantee high accuracy of resolution and exact reading. On model BAZ 12.1\_\_\_, an intensity control is provided which is dependent on the lighting conditions and, hence good visibility in sunshine and no dazzling in the dark are guaranteed. This is, for example, required in driver's cabs.

Models BAZ 12.\_2 to 12.\_9 have a pushbutton on the front side which serves to switch the instrument on and off. The instrument automatically switches off after an on-time (15 seconds to 16 minutes) which is variably programmable by the manufacturer. By pressing the pushbutton a second time, the BAZ 12 can be switched off at any time before the programmed on-time has run out. On-time is signalled by a green light-emitting diode arranged at the lower end of the LED band, even if the tank is empty.

The BAZ 12 is a flush-type instrument to be mounted in front panels and control desks (degree of protection IP 30). Two screw clamps which come with the instrument permit easy installation.

**The advanced BAZ 12 and its predecessor, the BAZ 2, are interchangeable without any problems.**

## Special Features

- Extended operating voltage range
- Good visible, extra bright LED band with intensity control and high accuracy of resolution
- Programmable on-time (0 to 960 seconds and  $\infty$ , standard 15 seconds\*) on customer's request
- Pushbutton with ON-OFF function
- Connection through caged spring terminals
- Tested according to German railways' standard BN 411002/EN 50155 (approved for use on rail vehicles)

## Technical Data

Operating voltage:	24V DC (16V to 60V)
Power consumption:	Approx. 2VA
Static current:	< 0.1 mA
Input resistance MWA:	2 kOhm to 10 kOhm
Degree of protection:	IP 30
Ambient temperature range:	-40°C to +70°C
Storage temperature range:	-55°C to +70°C
Vibratory strength:	9.9 m/s <sup>2</sup> (2.6 to 100 Hz)
Shock resistance:	50 m/s <sup>2</sup>
Weight:	0.150 kg
Panel cutout:	45 <sup>+0.6</sup> x 92 <sup>+0.8</sup> mm as per DIN 43700

## Information required with order

KROMA **BAZ 12** level indicator \_\_\_\_\_ **BAZ 12 . 1 2 0**

Intensity control "0" = none, "1" = with intensity control \_\_\_\_\_

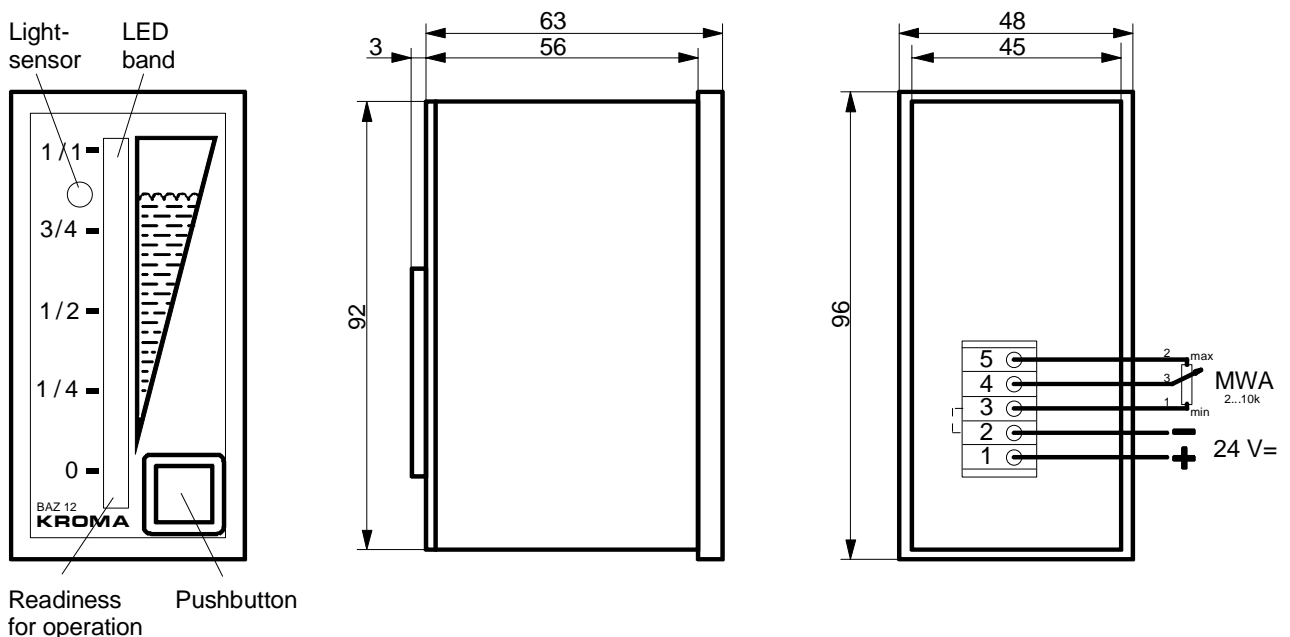
Pushbutton/on-time: "0" = without pushb. (continuous indication), "2" = standard on-time 15 sec. \_\_\_\_\_

"3" = 30 sec.\* \_\_\_\_\_

Standard execution: "0" \_\_\_\_\_

\* special design to be requested from KROMA

## Outline Drawing and Terminal Assignment



Subject to technical modifications.