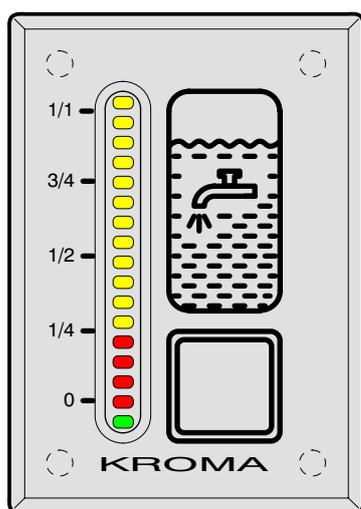


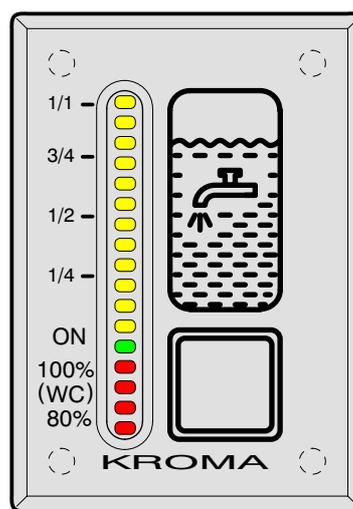
Level Indicator

for connection to the CAN bus

BAZ 23



BAZ 24



CAN bus

BAZ 23/24

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BAZ 23 and BAZ 24 Level Indicators

for connection to the CAN bus

Description

KROMA BAZ 23 and BAZ 24 level indicators serve to display liquid levels which are transmitted by a CAN bus. Sixteen varicoloured extra bright light-emitting diodes being arranged as a luminous band guarantee high accuracy of resolution and exact reading both in the dark and in sunshine. By shortly pressing the piezoelectric pushbutton, the level indicators are switched on and off. The instrument automatically switches off after an on-time (0 to 16 minutes) which is variably programmable by the customer. On-time is signalled by a green light-emitting diode, even if the tank is empty. In addition, models are available with the level indicator being arranged behind a hinged cover. On these models, the BAZ will be actuated by an integral magnetic switch while opening the hinged cover.

The rugged stainless steel housing provides a proper seal to the exterior wall of a vehicle. The BAZ is suited for both front mounting and rear mounting. For the latter, screw bolts welded to the BAZ ensure that screws are not visible from the front side. Stainless steel housing, encapsulated electronics as well as piezoelectric pushbutton or magnetic switches provide optimal protection against rough ambient conditions and vandalism.

Special Features

- Interface for control via CAN bus
- Extended operating voltage range (16 to 60 V DC)
- Good visible, extra bright LED band with high accuracy of resolution
- Display characteristics, delay time and on-time programmable by the customer
- Programmable on-time (0 to 960 seconds, standard 15 seconds)
- Integral piezoelectric pushbutton with ON/OFF function or magnetic switch
- Stainless steel housing for rough ambient conditions, suited for both front and rear mounting
- Tested according to German railways' standard BN 411002/EN 50155 (approved for use on rail vehicles)

Technical Data

Description		BAZ 23	BAZ 24	BAZ 2x
Input value range	Display 1	0 - 100	0 - 100	0 - 100
	Display 2		0 - 100	0 - 100
Display characteristics can be set	Display 1	16 LEDs	12 LEDs	customized
	Display 2		4 LEDs	customized
CAN interface		CAN 2.0 100 kBit/s		
Operating voltage		24 V DC (16V to 60V)		
Power consumption		approx. 2VA		
Static current		< 0.1 mA		
Cut-out (W x H)		38 ⁺³ x 72 ⁺³ mm		
Mounting bores		Ø5.5 mm; distance 50 ^{±0.3} x 80 ^{±0.3} mm		
Weight		0.150 kg		
Ambient temperature range		-40°C to +70°C		
Storage temperature range		-55°C to +70°C		
Degree of protection		IP 65		
Vibratory strength		7.9 m/s ² (5 to 150 Hz)		
Shock resistance		50 m/s ²		

Information required with order

KROMA level indicator: "23" = type BAZ 23; "24" = type BAZ 24

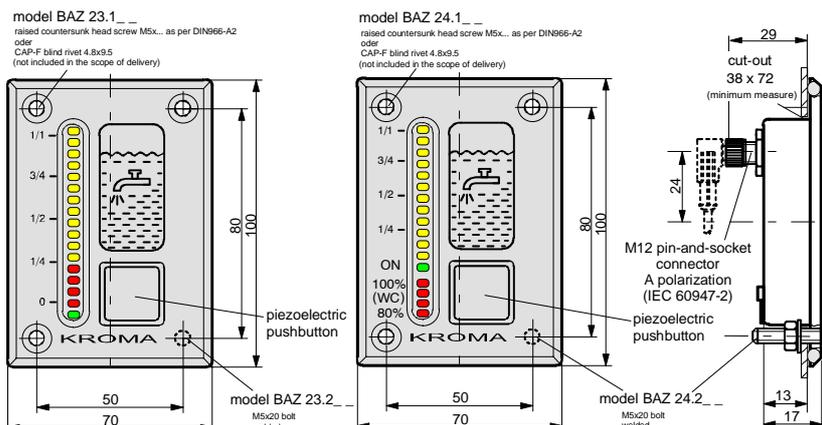
Mounting: "1" = from front; "2" = from rear

Operation: "0" = without switch; "1" = magnetic switch; "2" = piezoelectric pushbutton

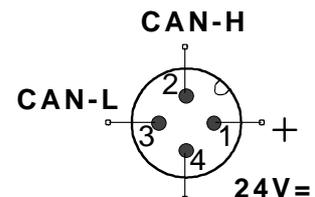
Front panel "0" = water; "1" to "9" = customized

BAZ 23 .1 2 0

Outline Drawing



Terminal Assignment



Key to wire colours of furnished cable:

- 1 - BROWN (+24V)
- 2 - WHITE (CAN-H)
- 3 - BLUE (CAN-L)
- 4 - BLACK (0V; ground)

Subject to technical modifications.