



## Datasheet digital display type DA

### Kalinsky Sensor Elektronik GmbH & Co. KG

#### Pressure transmitters

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The digital displays DA are used as indicators by using external sensors with output 0-10 V or 4-20 mA . If necessary it can be used for adjust he zero- point of the connected sensor. At many applications the sensor is installed at difficult accessible places. Therefore it is difficult often to adjust the zero-point direct at the sensor. The digital-displays makes it possible to add or subtract a correction voltage or current to the sensor signal. The aluminium housing has a high mechanical stability and good EMC- properties.

It is suitable for installation into a control switchboard. If the input signal passes the critical value 20 mA or 10 V a red LED on the front indicates overload of the sensor. DA can be completed with several additional options: two switching outputs, RS232-interface, square root output or 4-20 mA transmitter.

**operation temperature range:** -20 to +50 °C

**power supply and input signals:**  $U_s$  optionally: 15-24 VDC, 24 VAC or 230 VAC +/- 10 %  
analog-input: 4-20 mA or 0-10 V  
 $R_b$  4-20 = 100  $\Omega$

**connections:** plug with 7-pole depth clamp for 0,14-1,5 mm<sup>2</sup>

**optionally switches:** loadability: max. 230 VAC 1A  
switch hysteresis: ca. 2 % F.S.

**optionally RS-232 interface:** data format: 8 bit without parity-bit, 1 stop-bit (8N1)  
baudrate: 9600  
handshake: xon / xoff

**optionally 4-20 mA transmitter:** output: 4-20 mA  
0-20 mA possible on demand

**weight:** ca. 350 g

**protection class:** IP 54 (front)

**technical drawings:** see page no. 2



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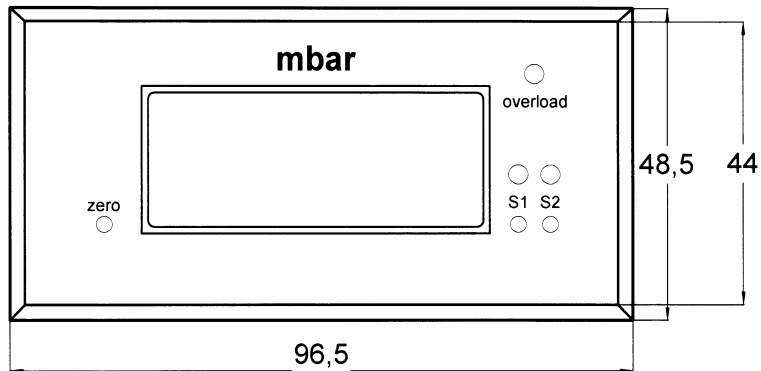
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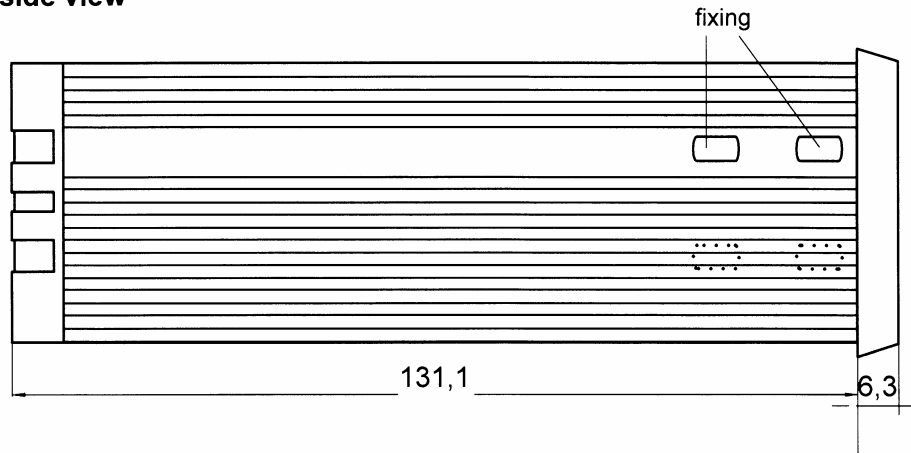
necessary switchboard cutting: 45 x 93 mm

front plate

unit is mm



side view



back

