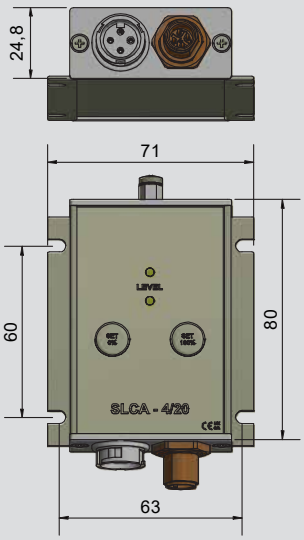
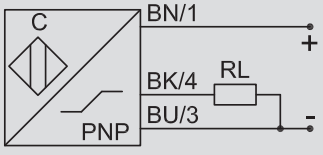
Capacitive evaluation unit
Series LA
Article number: LA0111
Description: SLCA-4/20

- Evaluator with analogue current output 4...20 mA
- Connection of a capacitive sensor from the series LS
- ETB = Sensitivity adjustment is made by pressing a button.
- Housing material: Aluminium



Technical data

Sensitivity adjustment	ETB
Output function	Analogue
Output current (I_e)	4...20 mA
Operating voltage (U_B)	18...30 V DC
No-load current (I_0)	Typ. 20 mA
Permitted residual ripple max.	10 %
Power consumption (outputs unloaded)	1.5 W
Permitted ambient temperature	-10...+60 °C
LED-display LED-display	Red/Yellow Green
Protective circuit	Built-in
Degree of protection IEC 60529	IP 40
Norm	EN 60947-5-2 (where applicable)
Connection	M 12 x 1, 4 poles (A-coded)
Housing material	Aluminium
	Made in Germany



Thank you,

for choosing a device from RECHNER Sensors. Since 1965 RECHNER Sensors has established a global leadership position for capacitive sensors with commitment to product innovation, performance and the highest quality.

Important Notes

Please read this instruction manual carefully, paying full attention to all the connection details, before powering up these devices for the first time. The use, servicing and operation of these devices is only recommended for persons whom are familiar with this instruction manual plus the current rules of safety in the work place including accident-prevention. Removal of the serial number, changes to the units or improper use will lead to the loss of any guarantee. Graphical illustrations may vary depending on the model type. We recommend that the instruction manual be retained.

Before Installing

- Unpack the device & check that your delivery is complete, correct and that there is no damage
- If there is any damage, please inform your supplier and those responsible for delivery
- If you have any questions or require support we are available to help you find a solution

Installation / Operation

- Mount the switching amplifier, connect the container earth to the switching amplifier housing in a short way
- Connect switching amplifier, connect the sensor
- **Set the measuring range:**

1. fill the container until the sensor is immersed 1-2 mm
2. press 0% key at least 5 sec until LED flashed
3. release 0% key, 0-calibration starts
4. after completion fill container to the desired maximum
5. Press 100% key at least 5 sec until LED flashed
6. Release 100% key, calibration starts