

# RADIKON\_simple

external amplifier / signal transducer with A/V or A/A or A/counts conversion

## ▶ GENERAL FEATURES



### Properties of the RADIKON\_simple

The RADIKON\_simple is an external amplifier / signal transducer that bases on the sglux Voltcon or Ampcon. The photocurrent of the sensor will be converted into a 4 - 20 mA current signal output or into a 0 - 5 V voltage signal output or into an USB digital signal.

The gain in V/A or A/A or counts/A will be configured according to customer's requirements. A calibration is available on request.

## ▶ SPECIFICATIONS

<i>Fixed Specifications</i>	<b>Parameter</b>	<b>Value</b>
	Dimensions	48 x 44 x 33 mm
	Operation temperature	-20 to 80°C
	Storage temperature	-20 to 80°C
	Temperature response	<0.03 %/K
	Weight	220 g

<i>Configurable Specifications</i>	<b>Parameter</b>	<b>Value</b>
	Signal output	0 - 5V voltage output or 4 - 20 mA current output or USB digital output

## ▶ COMPONENTS

LIYCY 3x0.34 mm cable - length 2 m with tinned leads on free end

Ampcon or Voltcon (by sglux) plus USB converter module (if USB output is selected)

Male coaxial connector

Aluminium housing