

PHOTODIODE AMPLIFIER : REFERENCE STANDARD with traceable calibration



Example Picture

This module is an upgrade for all sglux amplifier boards. It consists of a shielded housing and comes with a traceable calibration and related certificate.

The Module is to be used as a reference Standard for the sglux photodiode amplifier boards or own photodiode amplifier circuit development.

Feature Overview

Measurement properties	Please refer to the related sglux amplifier board .
Input / Output	Input via BNC plugs, output via banana plugs
Housing	Powder-coated aluminium housing with good EMC conditions, rubber feet
Delivered with	Power supply, BNC cable, case

Traceable Calibration

The calibration is performed with equipment directly or indirectly traceable to calibration laboratory reference standards. The reference standards are traceable to the National Institute of Standards and Technology (NIST), SP Technical Research Institute of Sweden, National Physical Laboratory (NPL), Physikalisch-Technische Bundesanstalt (PTB), UKAS Accredited Laboratory 0029 or to the DANAK Accredited Laboratory 333.

Specifications

Parameter	Value	Unit
Degree of protection	IP54	-
Operating temperature	-40...+80	°C
Storage temperature	-40... +85	°C
Power supply	18...24	V _{DC}
Power consumption (24V)	10	mA
Weight	0,54	kg