



SSMC 1001 Pre-Amplifier (Telamat PA 101)

The Claymount SSMC 1001 is developed and designed as a universal pre-amplifier that will fit most of the standard generators.

Features

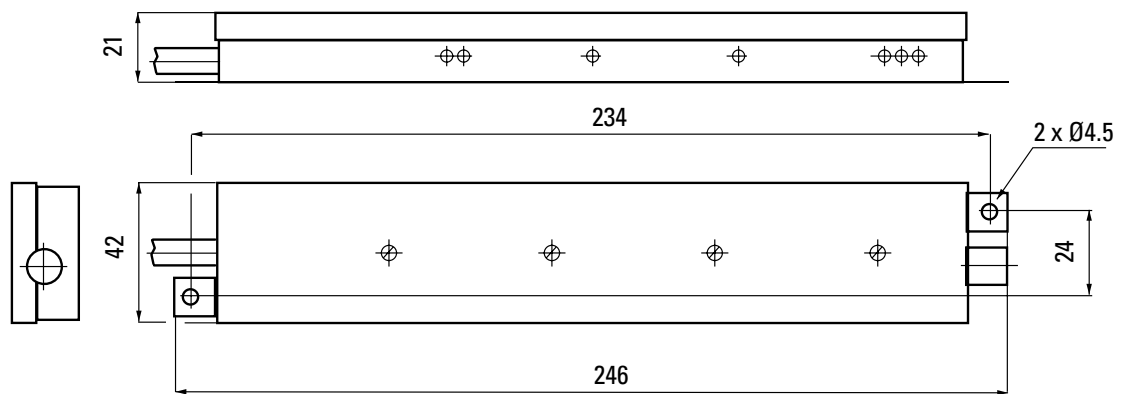
- Universal applicable.
- 100% configurable.
- Fast, repeatable exposure times.
- Positive or negativ ramp output.
- Designed for SSMC type AEC.

Description

The SSMC 1001 is a universal pre-amplifier that generates fast and repeatable exposure times (no wasted exposures). It can be applied within new configured systems as well as within upgraded old systems. Changes in the configurations do not need any soldering to be conducted. It fits most generators in the Medical Radiology, Oncology and Chiropractor markets. It is special designed to plug & play with the Claymount SSMC type AEC measuring chambers

Outline Drawing

Dimensions in mm



Technical data

Number of measuring fields	3
kV range	40 – 150 kV
Exposure time range	≤ 4 ms – 5 s
Sensitivity typ. at 80 kV, 25 mm Al	Selectable by means of a bit switch
Fine-tuning with potentiometer	-60% – +150%
Dose range	0.1 – 100 µGy
Operating voltage	±12 VDC – ±15 VDC
Supply Current	50 mA @ +12 V, 35 mA @ -12 V 52 mA @ +15 V, 43 mA @ -15 V
Degree of protection	Type B
Output signal	Positive or negative ramp
	0 – 10 V @ 12 V 0 – 12 V @ 15 V max. load: 47 kΩ
Zero offset	Automatic before exposure
Operating temperature	+10 – +40° C
Storage temperature	-20 – +60° C
Humidity	35 – 85% (non condensing)
Atmospheric pressure	860 – 1060 hPa
Mounting direction	Any
Weight	310 g