

1. Overview

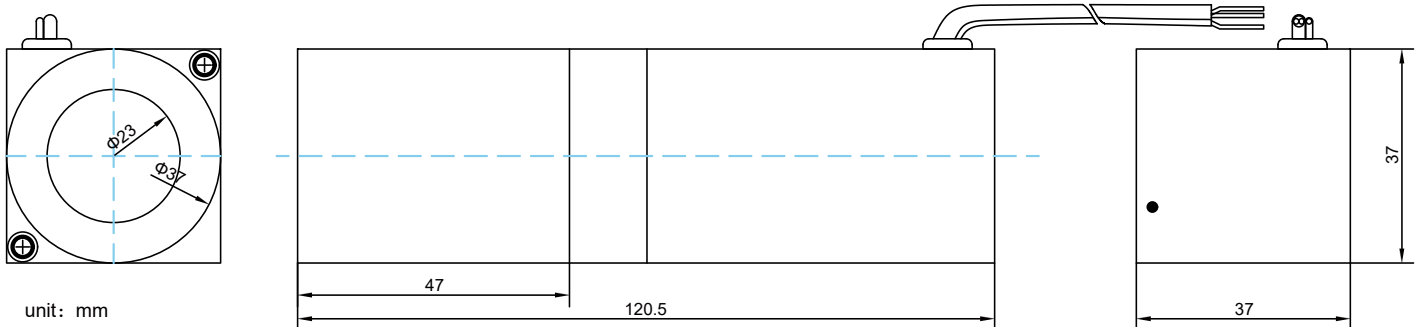


ENAI-D25H02XD NaI X-ray Detector is composed of a NaI scintillator (beryllium window), photomultiplier tube, preamplifier, and high-voltage power supply. This detector has the characteristics of low X-ray detection limit, easy use, and high reliability, making it widely used in industrial detection, radiological medicine, and X-ray fluorescence analysis.

2. Specifications

- ▶ Effective Dimensions of Sodium Iodide $\Phi 25 \times 2$ mm
- ▶ Beryllium Window Thickness 300 μ m
- ▶ Input Voltage/Current +12/<60 V/mA
- ▶ Output Signal Polarity/Amplitude Negative polarity/ ≤ 6 --V
- ▶ Output Signal Amplitude¹⁾ -1 V
- ▶ Energy Resolution <25%@59.5keV
- ▶ Operating Temperature 0~+40 °C
- ▶ Operating Humidity $\leq 95\%$
- Note: 1) tested with ²⁴¹Am source, factory-adjusted state

3. Dimensions



Wiring Diagram

Wiring	Red Wire	Black Wire	Shielded Wire with White Core	Shield
Definition	+12V	GND	Signal Output	GND