

# ENAI-D25H25VD01

Nal scintillator Detector

## 1.Overview



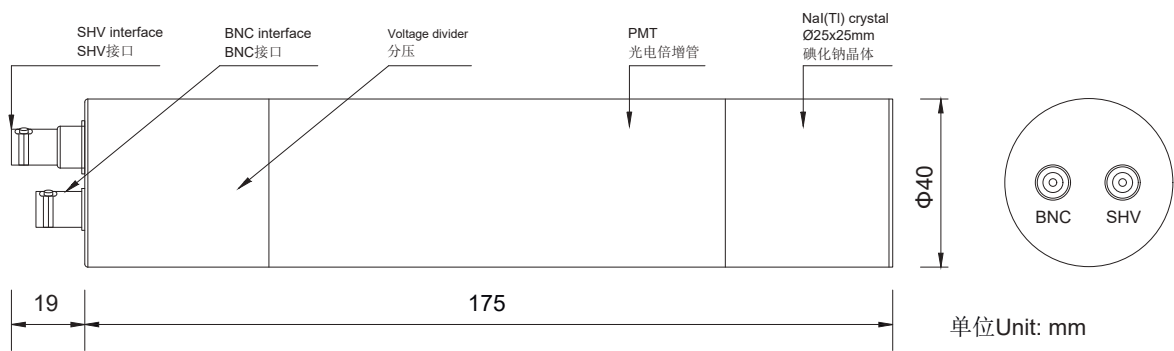
ENAI-D25H25VD01 scintillator detector is composed of a 1-inch Nal scintillator, a photomultiplier tube, and a voltage divider. Due to its small size, good energy resolution, flexible matching, simple use, and stable performance, it is widely used in the field of nuclear radiation detection.

## 2.Main technical parameters

- ▶ Application voltage ..... 0~+1250V
- ▶ Effective size of scintillator .....  $\Phi 25 \times 25 \text{mm}$
- ▶ Interface type ..... BNC、SHV
- ▶ Energy resolution .....  $\leq 7.5\%$
- ▶ Work environment Temperature ..... 0~+40℃
- ▶ Storage environment Temperature ..... -20~+60℃
- ▶ Storage environment Humidity ..... <90%RH

Note: 1) The output state of the detector is adjusted by using <sup>137</sup>Cs radioactive source test.

## 3.Outline Dimensional Drawing



| Wiring Instructions |                       |                  |
|---------------------|-----------------------|------------------|
| Interface type      | SHV interface         | BNC interface    |
| Port definition     | 0~+1250V power supply | Signal interface |