



SALIENT FEATURES

- Quick Response
- Relay Contact Output
- Alarm Setting
- Battery Backup

| <u>TECHNICAL SPECIFICATIONS</u> | |
|---|---|
| <u>NUCLEAR</u> | |
| Radiation Detected | γ (Gamma) |
| Detector | Internal GM tube with energy compensation (effective length = 1.5", Effective diameter = 0.56") |
| Energy Response | 60 KeV to 1.5 MeV |
| EHT | Typical 500V |
| Response Time | 2 sec. above 1 mR/h |
| Measurement Ranges | 0.01 to 99.99 mR/hr |
| Accuracy | $\pm 15\%$ |
| <u>INDICATIONS/INTERFACE</u> | |
| Display | 4 digit, 0.5" LED, seven segments |
| Alarm Indication | <ul style="list-style-type: none"> • Normal condition indicated by green LED (below set level). • Active condition indicated by flashing red LED & loud audible sound (above set level) by loudspeaker/buzzer. • Detector faulty operation initiates alarm with flashing red LED & 'FLT' message on display. |
| Alarm Point | Settable |
| Alarm Output | One set of potential free relay contacts normally remains energised & get de-energised in case of alarm. |
| Controls | Acknowledge: to mute the audio alarm. Reset: to reset the 'active' indication. Auto reset by internal setting. |
| <u>MECHANICAL/ELECTRICAL</u> | |
| Power | 230V AC + 10%, 50 Hz with battery backup |
| Size, Weight | 240 mm x 155 mm x 75 mm approx. (wall mounting) 1800 gms. |
| <u>ACCESSORIES</u> | |
| Manual | |
| <u>DOCUMENTATION</u> | |
| AERB approved lab calibration certificate valid for 2 years included. | |
| <u>OPTIONS (At Extra Cost)</u> | |
| External GM probe with 10 m cable | |
| PC Connectivity | <ul style="list-style-type: none"> • Ethernet modbus TCP 10/100 mbps |

Note: Optional at Extra Cost.

- Due to continuous R&D, specification are likely to change without notice

CAT PAM452/1018

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