



FM-9 ELECTRONICS



Neutron REM Area Monitoring System

Model: FM-9-REM

Application

Neutron Area Monitoring in and around nuclear reactors, accelerators, neutron sources and generators, etc.

Description

The FM-9-REM provides dependable, accurate digital Electronics and Readout, Power Supply, Alarm Module.

Features

- On-Line, Real-Time Neutron Monitoring
- All Plug-In Modular
- Installed or Rack Mount
- Single or Multi-Channel
- Local or Remote Monitoring
- High Level Alarm, Solid State, Non-Contacting
- Data Archive and Retrieval
- RS-232 Output
- Remote Display
- On Board: Data Measurement and Display

The energy compensated BF_3 Probe offers Neutron sensitivity from thermal to >100 MeV, and close following of true REM response from thermal to >7 MeV along with high Gamma rejection. The plug-in modular construction, allows for additional channels to be added.

The built-in anti-saturation circuit prevents the system readings from falling off scale during an over-range condition. High level alarm can be set at any point on the scale. Activation produces flashing red light on front panel and piercing intermittent 2000 Hz tone. Relay. It can also be closed (or opened) for activation of remote alarms.



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