DPM50 DIESEL PARTICULATE MONITOR

The DPM50 is designed to monitor Diesel Particulate Matter and a variety of environmental parameters, providing in-depth insights into surrounding conditions. Safety is a top priority in hazardous environments, which is why the DPM50 features an intrinsically safe Exia design. This design keeps electrical energy levels below ignition thresholds, minimizing the risk of accidents.

For connectivity, the DPM50 supports wired communication via Modbus RTU RS-485, enabling seamless integration with supervisory control and data acquisition (SCADA) systems. It also offers wireless options, including M3SH networks, Private 5G, 802.15.4, Wi-Fi, GSM, and GNSS, enhancing flexibility and connectivity.

User-friendly and easy to set up, the DPM50 provides real-time measurement displays and data access on both the device and the communication network. The SCADA software offers an intuitive platform for real-time readings from each field unit. Additionally, the DPM50 can be configured to automatically activate ventilation or DPM suppression systems, protecting workers from harmful dust levels.

D52 DUST PARTICULATE MONITOR

Managing air quality in mining, manufacturing, and construction can be challenging due to the variety and volume of dust sources. The D52 is an excellent choice for harsh, hazardous, and dust-heavy environments, delivering accurate, real-time dust monitoring that protects workers, enhances operational efficiency, and ensures compliance with regulations.

Utilizing laser sensing technology, the D52 Dust Monitor measures and counts particles smaller than 10 micrometers (<10μm) in ambient air. Results are presented on a TFT screen, showing the time-weighted average (TWA) along with particulate measurements for 1μm, 2.5μm, and 10μm.

The SCADA software offers an intuitive platform for real-time particulate matter readings and dust size classification for each field unit. Additionally, the D52 can be configured to automatically activate ventilation or dust suppression systems, safeguarding workers from unhealthy dust exposure.

NM60 NOISE MONITOR

The NM60 noise monitor is specifically designed for efficient industrial noise monitoring. It can connect to up to five remote noise sensors, extending coverage up to 1,000 meters. The device features a visual alert system with flashing red headphones to signal when hearing protection is necessary.

Users can set customizable warning thresholds based on specific noise levels, allowing for greater monitoring flexibility. The NM60 measures noise using the Equivalent Continuous A-weighted sound pressure level (LAeq) and calculates 8-hour Time Weighted Averages (TWA) to evaluate long-term exposure risks.

These features make the NM60 a vital tool for ensuring workplace safety and meeting regulatory compliance in noisy environments.

NM20 NOISE SENSOR

The NM20 Noise Sensor is a wireless noise monitor with a range of 1,000 meters, designed to connect to the NM60 Noise Sign or IoT Gateway. Installed at potential noise sources, it provides accurate noise level measurements, ensuring effective monitoring and management of industrial noise.

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