Explosion-proof meters designed for use in demanding applications in wet or dirty environments

Precision Digital announced the Vantageview Series of NEMA 4X Field-Mounted Meters. The Vantageview Series offers the functionality and features of the company's ProtEX Series of Explosion-Proof Meters in an injection-molded plastic, NEMA 4X (IP65) enclosure. Vantageview meters are designed for use in demanding applications in wet or dirty environments that do not require agency approvals. They can be used for virtually any industrial process that involves level, flow, pressure, or temperature. Unique SafeTouch through-window buttons allow operation without removing the cover. They are available in 4-20 mA loop-powered and pulse input models powered by the output loop, DC, or battery.

The Vantageview Series includes large, dual-line displays for viewing critical process variables clearly at a distance, even in direct sunlight.

Models are available for single process variables, rate and total, feet and inches displays for level applications, and a larger one-inch display for long-range visibility. Each meter features a sleek, modern, polycarbonate enclosure with built-in mounting flanges and a rear groove for sturdy wall or pipe mounting; the integrated tamper seal loop tab allows for an additional layer of security. The meters also provide three 3/4 inch NPT threaded conduit holes for easy wiring in any direction and include two plastic conduit plugs. Operating and storage temperatures range from -40 to 75 degrees Celsius.

Programming and operation of the meters can be done without opening the housing, using the built-in SafeTouch through-window buttons. Each meter is equipped with up to four sensors that operate as through-window buttons so the unit can be programmed and operated without removing the cover (and exposing the electronics) in harsh environments. These buttons can be disabled for security with a switch located inside the enclosure. When the cover is removed, the mechanical buttons located on the faceplate are used for programming. The clear, impact-resistant polycarbonate window makes the Vantageview meters ideal for applications where restrictions on glass exist, such as food production.

Availability & pricing

The Vantageview Series Meters are available now. Prices start at $299.

For more information, see http://www.predig.com/ [1]

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[1] http://www.predig.com/