Visualization Device Family Communicates Exclusively via Ethernet

Pepperl+Fuchs' VisuNet RM family of remote monitors for use in hazardous locations is said to eliminate copper and fiber optic KVM (keyboard, video, mouse) interface technology, while leveraging open network-based Visualization over Ethernet (VOE) technology founded on Microsoft standards. VOE technology facilitates operation of up to 32 remote monitoring stations per server, and even supports redundant servers, pathways and hot switchover. The monitors are available with optional wireless Ethernet as part of the company's *Systems and Solutions* offering. VisuNet integrates all the characteristics of a modern network infrastructure based on standard Ethernet components in simple, remote solutions where the display, keyboard, and mouse are up to 2 km away from the PC in the safe area, or as a full-scale panel PC installed in the hazardous location. The product family is designed as a component system that adapts to the individual requirements of each process plant. In addition to different display sizes, international keyboard layouts, pointing devices, and mounting options, a series of optional functions is available and can be custom configured to suit specific application needs. The product family has expanded operational temperature range and is designed for use in Ex-areas, categories II 2G, II 2D, Class 1 Zone 1, Ghost and NEPSI. VisuNet’s stainless steel cases are modular and can be enhanced with an ergonomic keyboard. A choice of stainless steels ranging from standard 1.4301 (304) to 1.4404 (316L) is available. The surface roughness can likewise be selected down of <2 µm.

Pepperl+Fuchs
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