



FOR IMMEDIATE RELEASE

PRECISION DIGITAL INTRODUCES EXPLOSION-PROOF, MULTI-PURPOSE MODBUS® SCANNERS

ProtEx® PD6830X Super Snooper Modbus Scanners Features SafeTouch® Through-Glass Buttons, and Feet and Inches Display Options

October 13, 2014 – Holliston, MA – Precision Digital Corporation, global leader in digital panel meters and control instrumentation celebrating its 40th year in business, today announced the ProtEx® PD6830X Modbus Scanner.

The PD6830X is a rugged, explosion-proof, NEMA 4X / IP68 Modbus master, slave, or snooper (sniffer). A multi-purpose meter, it is designed for accurate display and quick access of information, locally or remotely, in hazardous areas or in the harshest safe area applications. It can accept up to 16 individually programmed process variables (PVs) from multiple devices; four math channels allow for calculations on multiple PVs. The unique SafeTouch® through-glass buttons allow operation without removing the cover.

The pulse input accepts a wide range of flow transmitter signals, including mV input from a magnetic flowmeter, as well as high frequency signals. The PD6830X includes backlighting, two open collector outputs, and an analog output as standard. The scanner has FM, ATEX, CSA, IECEx, and CE approvals, enabling it to be installed almost anywhere. The PD6830X is housed in a durable, epoxy coated, cast aluminum enclosure.

"The versatile ProtEX PD6830X is loaded with features plant operators can appreciate," said Jeffrey Peters, President, Precision Digital Corporation.

"The meter is simple to program using our FREE ScanView EX software, displays critical information about their process, and can be seen from wide angles and a distance. Other meter manufacturers have lost sight of the fact that users need to be able to see the data, even in hazardous areas."

The PD6830X is designed for readability and ease of use, from large character and Feet & Inches displays to automatic rate conversions and data logging. In addition, it integrates easily into existing Modbus networks.

The PD6830X Decimal Display models feature an upper display that is 0.7 inches high and shows five digits of information; the Feet & Inches models feature a level display that reads up to 399 feet, 11 and 15/16 inches and contains a 20-segment tank level indicator. The lower display for both models is 0.4 inches high, with seven alphanumeric characters for Process Variables, Custom Units, or Tags. The bright LCD display is easily read under various lighting conditions and from viewing angles of up to +/- 40 degrees (twice that of competitive models); it can also be rotated in 90 degree increments for increased readability.

Four sensors in the PD6830X operate as through-glass buttons for programming and operation without removing the cover in hazardous areas. These SafeTouch® buttons include an energy saving mode to save power, extend battery life, and prevent unintended triggers.

The PD6830X provides flexible power options, including battery, DC with battery backup, DC only, output-loop, or output loop with battery backup.

Its element-resistant enclosure provides three threaded conduit holes and integrated pipe or wall mounting holes. Operating temperatures range from -40 to 75 degrees C.

Availability & Pricing. The ProtEX PD6830X explosion-proof multi-purpose Modbus Scanner is available now. Prices start at \$1188.

ProtEX PD6830X data sheet: <http://www.predig.com/pd6830x/index.php>



About Precision Digital Corp. Established in 1974, Precision Digital manufactures a comprehensive line of digital display and control instrumentation for demanding industrial applications. The core of the company's products is the ProVu® family of digital panel meters, featuring large, dual-line 6-digit displays, advanced signal input conditioning, programmable function keys, MODBUS® RTU serial communications, and control of up to eight relays. Other products include loop-powered indicators, rate/totalizers, scanners and annunciators, and temperature indicators and controllers. Certified to UL, CSA, FM, ATEX, IECEx, CE, and NEMA standards, the company's process meters and controllers reliably perform in challenging environments. For hazardous areas, the ProtEX® series of process meters features explosion-proof housings.

Precision Digital is an ISO 9001:2008 certified company. For more information, see <http://www.predig.com> <<http://www.predig.com>>

EDITORS: High resolution images are available for download at <http://www.telesian.com/marketing/vpr/pdc/pdc101314-01.cfm>

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