

Advanced Cable Pressure Monitoring System

Introduction

The 800 ACPMS is an advanced modular Exchange monitoring unit designed to monitor addressable and dedicated pressure and flow transducers and binary alarms associated with the Pressurised Cable network.

Features

- 16 Bit processor, 20 MHz
- Supports over 1,000 measurement points
- Supports Ethernet, PSTN and Serial communications
- Can support ASCII report, E-mail report and Pager alarm
- Supports Web browser
- Configurable to read Lancier, Nicotra, Sparton or Monitronix addressable transducers
- Supports Modbus protocol
- Remote software download
- Extensive diagnostic facilities and indications
- Support for remote monitoring units

Description

The Monitronix 800 ACPMS is a cable pressure monitoring system designed to automatically monitor, measure and report the status of addressable pressure and flow transducers and the state of binary alarm inputs. It includes many options for interfacing, scalability and diagnostics by using a completely modular approach to this type of technology. The system is reliable, accurate and above all, easy to install and operate. It can be configured as a central monitoring unit hub designed to monitor and report the status of remote outlying exchanges in the pressurised cable network.



Technical Characteristics

Memory Sizing	
Program Memory	512K
Configuration Memory	1MB
RAM	1MB
Electrical Noise Immunity	
Technical Characteristics	complies with BT GS7
Environmental Conditions	
Temperature	
Continuous Operation	0° to +50° C
Transportation and storage	-40° to +70° C
Relative Humidity	0 to 95% non-condensing
Power	
Input Voltage	
(-50 VDC nominal)	-36 to -72VDC
Power Consumption	25 Watts Maximum

Physical Properties	
Size	1U x 19"W x 12"D for standard 19" rack-mount
Local Terminal Port	DB9 RS232 Serial Port
Ethernet Port	RJ45
PSTN Ports	2 x RJ11
Power	Trident socket
Monitoring pair connectors	Krone-type IDC
Measurement Modules	
Resolution	1% of full-scale range
Addressable Module	24 ports
Universal Module (Contact alarms)	25 ports

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