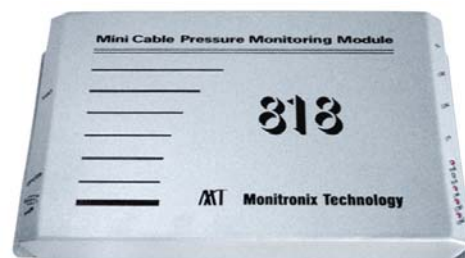


Mini Cable Pressure Monitoring Module

Introduction

The 818 is an advanced Mini Cable Pressure Monitoring Module designed to monitor the dedicated and subscriber pressure transducers, toll and trunk cable pair loop resistance and binaries associated with the Pressurized Cable network. It can also measure resistance and capacitance between cable pairs, between cables and earth.



Features

- 16 Bit processor, 20 MHz
- Supports over 1,500 measurement points
- Supports Ethernet, PSTN and Serial communications
- Supports ASCII report, E-mail report and Pager alarm
- Supports Web browser
- Measure resistance and capacitance between cable pairs, between cables and earth Remote software download
- Compatible with DED, SUB pressure transducers, TTCC cable loop resistance and binaries
- Average scanning time of 1 second per input
- Remote software download
- Extensive diagnostic facilities and indications
- Support for remote monitoring units

Description

The Monitronix 818 is a mini cable pressure monitoring system designed to automatically monitor, measure and report the status of dedicated pressure transducers, subscriber pressure transducers, TTCC cable loop resistance or binaries. It can also measure resistance and capacitance between cable pairs, between cables and earth. It includes many communication interfaces with Ethernet, PSTN, Serial Connection. The system is reliable, accurate and above all, easy to install and operate. It can be configured as a standalone system and also polls other 818, 815, 816 and 817 or as a satellite of a larger system designed to monitor the status of the pressurized cable network.

Technical Characteristics

| | |
|----------------------------------|-------------------------|
| Memory Sizing | |
| Program Memory | 512K |
| Data RAM | 1MB |
| Electrical Noise Immunity | |
| Technical Characteristics | Complies with BT GS7 |
| Environmental Conditions | |
| 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 -72 VDC |
| Power Consumption | 10 watts maximum |

| | |
|--|---|
| Physical and Interface Properties | |
| Dimensions | 240 x 135 x 35 mm |
| Ethernet port | RJ45, 10Base-T, TCP/IP |
| PSTN ports | RJ11, 56K modem |
| Serial port 1 | RJ45, RS232/RS422/RS485, Baud rate 1200 ~ 19200bps to be set |
| Serial port 2 | RJ45, RS232/RS422/RS485, Baud rate compatible with polled |
| Power | 4 pins socket |
| Monitoring pair connector | 50pins AMP connector |
| Power switch | Miniature toggle switch |
| Measurement Index | |
| Resolution | 0.5% of full scale range |
| Transducer Input | 25 input ports, connecting dedicated transducers, subscriber transducer, TTCC or binaries |

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