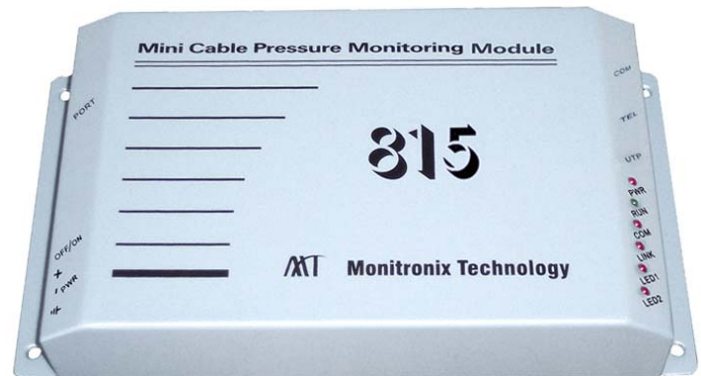


Mini Cable Pressure Monitoring Module

Introduction

The 815 is an advanced Mini Cable Pressure Monitoring System designed to monitor addressable pressure and flow transducers associated with the Pressurized Cable network.



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
- Average scanning time of 5 seconds per transducer and scanning four inputs synchronously
- Remote software download
- Extensive diagnostic facilities and indications
- Support for remote monitoring units

Description

The Monitronix 815 is a mini cable pressure monitoring system designed to automatically monitor, measure and report the status of addressable pressure and flow transducers. 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 815, 816, 817 and 818 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	DB9 RS232, Baud rate 1200 – 19200bps to be set
Power	4 pins socket
Monitoring pair connector	50pins AMP connector
Power switch	Miniature toggle switch
Measurement Index	
Resolution	0.5% of full scale range
Addressable Transducer Input	4 input ports, 128 transducers for one input 512 transducers for f4 inputs

Contact Monitronix Europe Ltd.

Email: enquiries@monitronix-europe.com

Tel: +353 (0) 1 6510 820