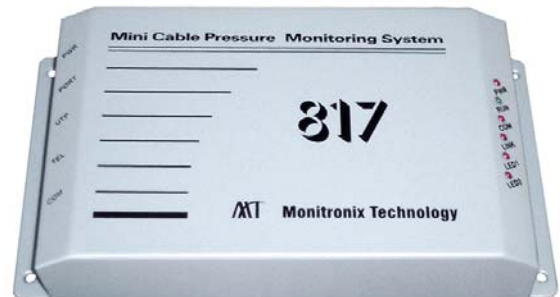


### Mini Cable Pressure Monitoring Module

#### Introduction

The 817 is an advanced Mini Cable Pressure Monitoring System designed to monitor addressable pressure and flow transducers associated with the Pressurised Cable network.



#### Features

- 16 Bit processor, 20 MHz
- Supports 128 measurement points
- Supports Ethernet, PSTN and Serial communications
- Configurable to read Lancier, Nicotra, Sparton or Monitronix addressable transducers
- Average scanning time of 5 seconds per transducer
- Remote software download
- Extensive diagnostic facilities and indications

#### Description

The Monitronix 817 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 satellite of a larger system using an 800 ACPMS designed to monitor the status of the pressurised 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	2 pins socket

Measurement Index	
Resolution	0.5% of full scale range
Addressable Transducer Input	1 input port, 128 transducers

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