

Portable Addressable Transducer Tester

Introduction

The 860 is an advanced portable addressable transducer tester designed to test and calibrate a variety of addressable pressure and flow transducers. It can test the transducers before they are mounted in the field and also monitor these transducers while they are in the field helping to simplify maintenance of the Pressurised Cable network.

Features

- High Accuracy and high resolution
- 128*64 LCD display, 4*4 keyboard
- Calibrates transducers on the product line
- Transducer address setup and test
- Measure cable resistance and cable capacitance
- Measure transducer operational current, quiescent current, max. reading current and min. reading current
- Average scanning time of 3 seconds per transducer
- Searching and saving for the address of transducers on bus (multi-mode search)
- Data report function
- Operation password
- Extensive diagnostic facilities
- Clock to display year, month and day
- Turn off automatically
- Supervisory rechargeable battery
- Lightning protection
- Audio Beeper to give audio warnings



Description

The Monitronix 860ATT is a portable addressable transducer tester designed to automatically test and calibrate a variety of addressable transducers. This tester is able to calibrate the addressable transducer on the product line and to make its production easier. It can also test transducers mounted in the field to monitor their operational status. It can measure cable resistance and cable capacitance of pressurised cables. The LCD display of the tester can display test data also. The tester is portable, reliable, accurate and above all, easy to operate.

Technical Characteristics

Memory Sizing	
Program Memory	64K
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	
Operational Voltage	4 AA rechargeable batteries
Power Adaptor (recharging)	220VAC/12VDC/500mA
Power Consumption	1.5 watts maximum
Operational time with battery	8 hours
Physical Properties	
Dimensions	180 x 100 x 33 mm
LCD Display	128 x 64 matrix dots
Keyboard	4 x 4 keys
Power socket	DC power jack
Power switch	Pushbutton switch
Monitoring pair and ground connectors	3 banana sockets with 3 test pens
Measurement Index	
Resolution	0.5% of full scale range

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