PRODUCT DESCRIPTION

To better satisfy industry requirements, we've combined the new Model PE 620 Loop Verifier with the popular Model 200EP Inductive Amplifier in this convenient kit. Designed specifically for the security and alarm industry, the PE 620 can be connected to a Normally Open or Normally Closed loop pair and provides a distinct audible tone when the alarm condition occurs. Both units fit comfortably in the rugged 700C Carrying Case made of durable woven polyester.
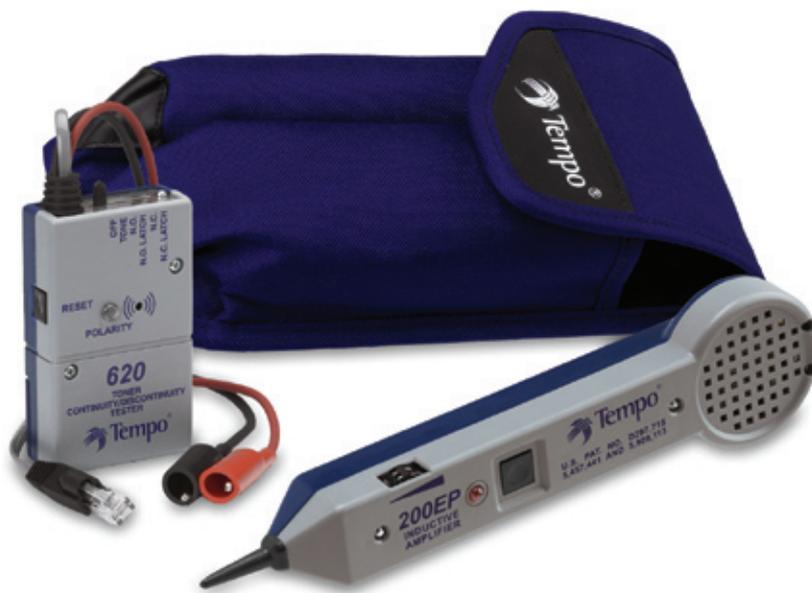
FEATURES

- The non-latching function provides a simple method for identifying intermittent failures (swingers) and confirming operation of switches at remote locations.

- In the latching mode, the unit will catch the alarm condition and continue sounding until the tester is reset.

- As a tone generator, the unit provides a traditional variable tone that can be applied using the 24 inch red and black test leads or a convenient 6 position modular plug.

- Convenient magnetic back plate allows the PE 620 to be attached directly to the control panel cabinet or door.

BENEFITS

- Battery operated (9V not included) and can be used on any wiring system including datacom, telecom, security/alarm, audio and CATV.

- Provides tone signaling, continuity testing and telephone line polarity indication combined with a modular breakout adapter.

- Selectable tone outputs for identifying multiple cable runs.

- Includes multiple connection options.

SPECIFICATIONS

Model 200EP Inductive Amplifier

Electrical:

Gain:	26dB
Input Impedance:	100MΩ
Probe Tip Resistance (min):	
Plastic Tip:	300Ω
Frequency Range:	approx. 500Hz - 5kHz

Power Source:

Battery:	1 x 9V
Battery Life (nominal):	50 hrs.

Environment:

Operating Temperature:	0°C to 50°C (32°F to 122°F)
Storage Temperature:	-50°C to 75°C (-58°F to 167°F)
Relative Humidity:	80%

Physical:

Length:	229mm (9.0 inches)
Width:	54mm (2.125 inches)
Depth:	28mm (1.125 inches)
Weight:	0.16kg 0.34lbs)

Warranty: One Year

PE 620 Loop Verifier

Electrical:

Output Voltage (Talk Battery into 600Ω):	4.5VDC
Output Power (into 600Ω):	+3 dBm
Output Frequency:	900/980 Hz alternating
Voltage Protection:	120V AC
Continuity: Normally Open:	On <50kΩ, Off >80kΩ
Normally Closed:	On >120kΩ, Off <80kΩ
Latch Sensitivity:	any occurrence>100mS

Power Source:

Battery:	1 x 9V
Battery Life:	
Tone Mode (nominal):	100 hours
Cont/Discont Mode nominal:	15 hours

Environment:

Operating Temperature:	0°C to 50°C (32°F to 122°F)
Storage Temperature:	-50°C to 75°C (-58°F to 167°F)

Physical:

Length:	113mm (4.45 inches)
Width:	60mm (2.375 inches)
Depth:	25mm (1.0 inches)
Weight:	0.15kg (5.44 oz)

Warranty: One Year

TESTING A NORMALLY OPEN SWITCH
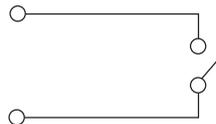
Method 1

1. Connect 620 to a pair that has been disconnected at control panel.
2. Slide switch to "N.O." position.
3. If switch open, No signal will be heard.
4. Move to Alarm switch & close switch. Tester will produce a distinct audible signal while the switch is closed.
5. To test a Normally Closed switch.
6. If Alarm switch closed, tester will output a distinct audible signal.

Method 2

1. Connect 620 to a pair that has been disconnected at control panel.
2. Slide switch to "N.O. LATCH" position
3. If switch open No signal will be heard.
4. Move to Alarm switch & close switch. Tester will produce a distinct audible that will continue after the switch has been reopened.

TESTING A NORMALLY CLOSED SWITCH
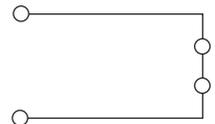
Method 1

1. Connect 620 to a pair that has been disconnected at control panel.
2. Slide switch to "N.O." position.
3. If switch open, No signal will be heard.
4. Move to Alarm switch & close switch. Tester will produce a distinct audible signal while the switch is closed.
5. To test a Normally Closed switch.
6. If Alarm switch closed, tester will output a distinct audible signal.

Method 2

1. Connect 620 to a pair that has been disconnected at control panel.
2. Slide switch to "N.O. LATCH" position
3. If switch open No signal will be heard.
4. Move to Alarm switch & close switch. Tester will produce a distinct audible signal that will continue after the switch has been reopened.

Tempo
A Textron Company

Knowledge. Solutions. Success.