

Botron B92022 Technical Data Sheet



Overview:

Botron's B92022 Continuous Dual Wire Monitor is designed for dual wire wrist strap applications and monitoring resistance of both the work surface and the operator(s). They come with a LED and a built in audible alarm, triggered when either the operator or work surface falls out of spec, becomes disconnected, or ground is lost. These units can only be used with mono jack connectors. It is a fixed resistor system and is go no go, there is no calibration needed. ANSI S20.20 Compliant

Product Notes and Features

- 1) Pass/Fail LED Alarm
- 2) Operator Right
- 3) Operator Left

PROPERTIES

SPECIFICATIONS

Operating Parameters:

Mat:	Pass = >0 to < 6.75M Fail = >6.75M +/- 10%
Operator:	Pass = >750K to <5.7Meg Fail High = >5.7Meg +/- 10%
Mounting:	Screws on
Power:	110v std. 230v - opt. Power pack
Visual Alarm:	green (safe), red (fault)
Operation:	Active when plugged in



PART NUMBERS

B92022 Continuous Dual Wire Monitor

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Disclaimer. All statements of technical information are believed to be true and are based upon tests we believe to be reliable. The proper use and application for this product must be the responsibility of the user. The statements herein shall have no force or effect.

INSTALLATION

1. Mount monitor under bench area. (use Hook and Loop or (Z) brackets)
2. Mount LEFT & RIGHT remotes, connect wires to back of monitor B92022.
3. Connect ground cord (B9701 optional) to back left snap on mat and to ground. (Reverse for left install)
4. From monitor, connect to back right snap.
5. Plug AC power supply to monitor and grounded 110v outlet.
6. LED will light up. Bench should be Green.
7. Two LEFT & RIGHT operator LEDs should be RED and alarm will sound (it tests both dual wires)
8. Monitor is ready to use.
9. Only use dual wire wrist straps on monitor. LED will turn from Red to Green.

Note: This monitor system needs two snaps on mat and grounding hardware, per Figure 1.

If mat exceeds 7 meg connect per Figure 2. (Your mat ground will still be monitored.)

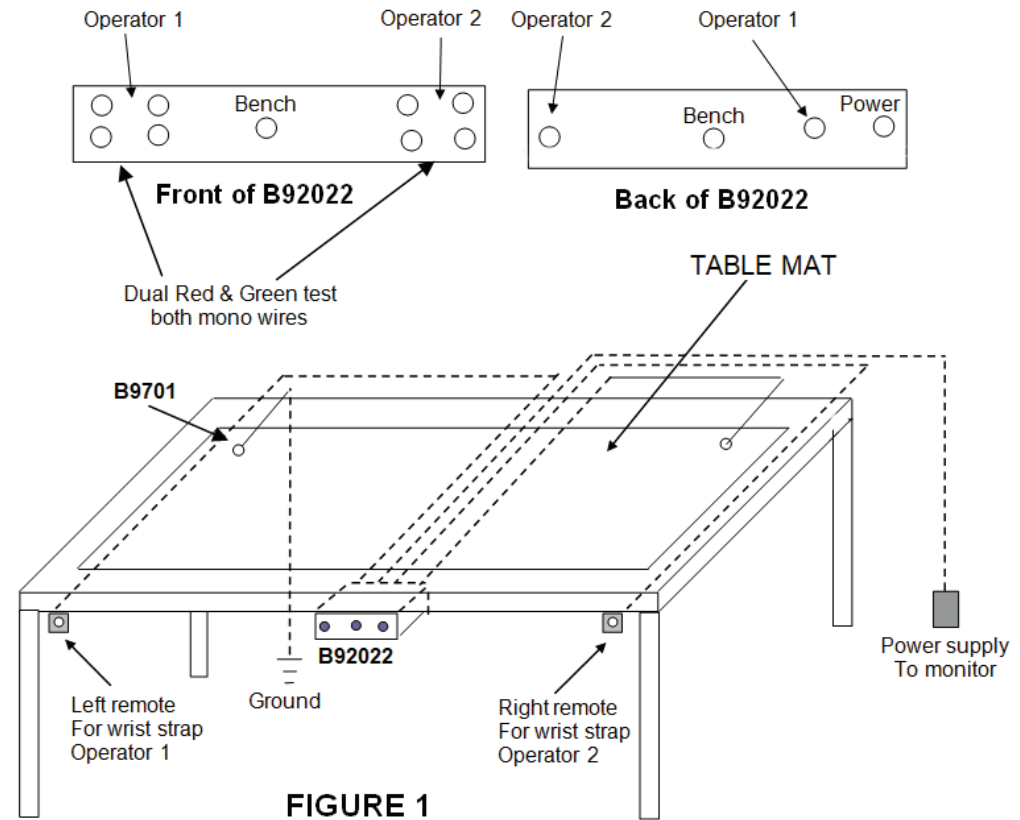


FIGURE 1

CALIBRATION

All Botron continuous monitors part numbers above do not need to be calibrated. They are a Go/No-go solid state, impedance based, monitors with no adjustability and does not need to be calibrated. It is always important to make sure that all units have a proper ground. An improper ground or poor connection will sound the alarm.

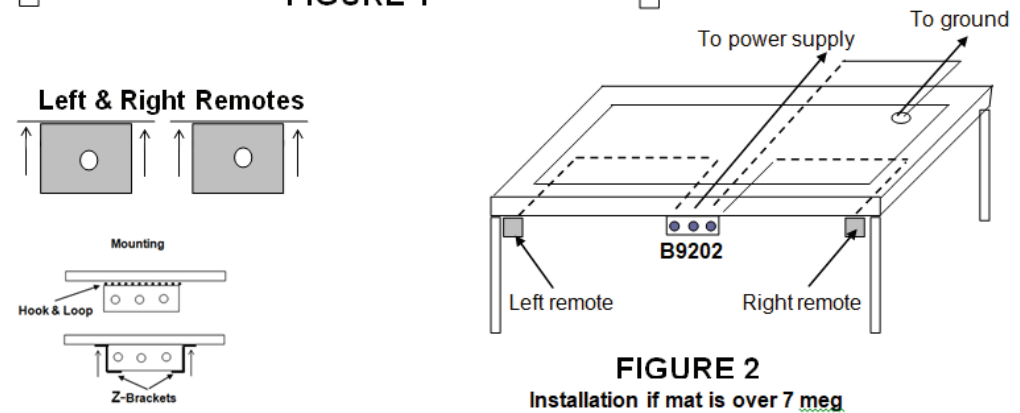


FIGURE 2
Installation if mat is over 7 meg