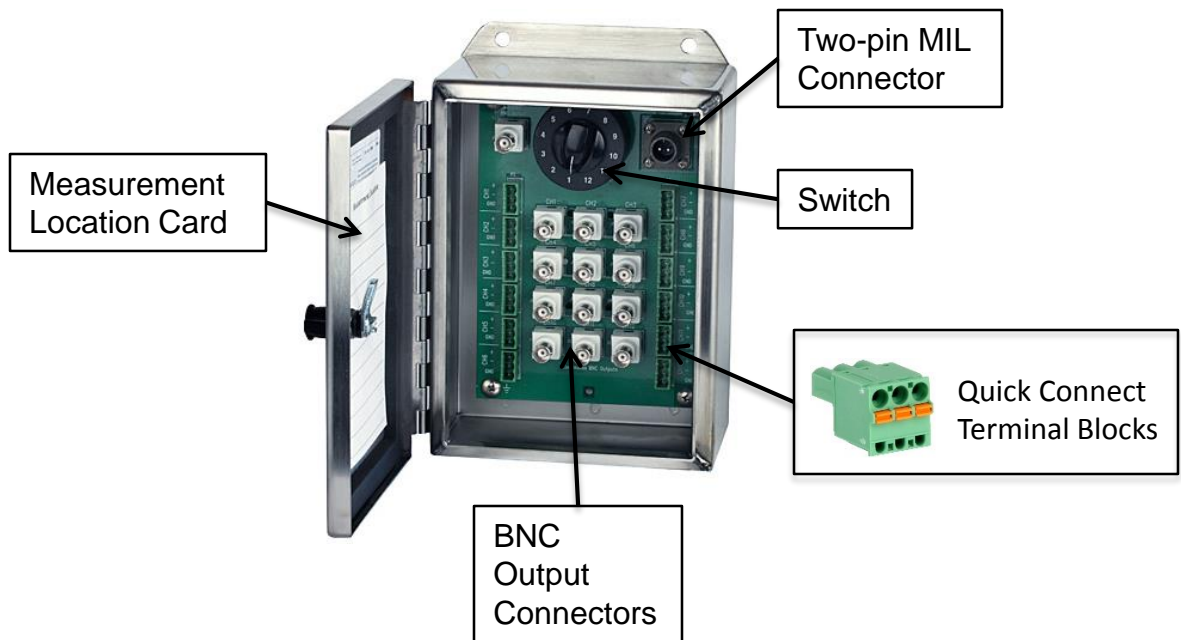




VIBRATION ANALYSIS HARDWARE

## SB252 Series Signal Management Boxes

The SB252 stainless steel signal management box is used to convert the two-conductor wiring of up to 12 remotely installed sensors to BNC connectors for simultaneous data collection via a portable data collection unit. The SB252 also allows for single sensor data collection via a switched BNC and one switched two-pin MIL spec connector. Input wiring from each sensor is connected via quick-connect terminal blocks. Each terminal block includes input for positive, negative and shield. The shield drain wire is earth-grounded via the stainless steel enclosure.



A centrally located switch on the enclosure's panel board determines which sensor provides output to the switched BNC and the two-pin MIL connector. A measurement location card is located on the outside of the enclosure door to identify each channel.

Rated for NEMA 4X (IP66), the SB252 can withstand harsh environments including temperatures ranging from  $-58^{\circ}$  to  $180^{\circ}$  F ( $-50^{\circ}$  to  $82^{\circ}$  C). The box is also resistant to hose directed fluid and corrosion. A twist lock is installed on the door allowing the box to be sealed from the elements when not in use.



VIBRATION ANALYSIS HARDWARE

## SB252 Series Switch Boxes, cont.

Cable input options for the SB252 include:



A. User Defined Cable Entry



B. Conduit Fitting Cable Entry



C. Nylon Cord Grip Cable Entry



S. Stainless Steel Cord Grip Cable Entry