

# JB310

iBOX Single Axis Sloped Top Vibration Switch Box, Stainless Steel  
Enclosure, NEMA 4X (IP66) Rated, Sensor Input Options: 4 to 12 Single  
Output Sensors

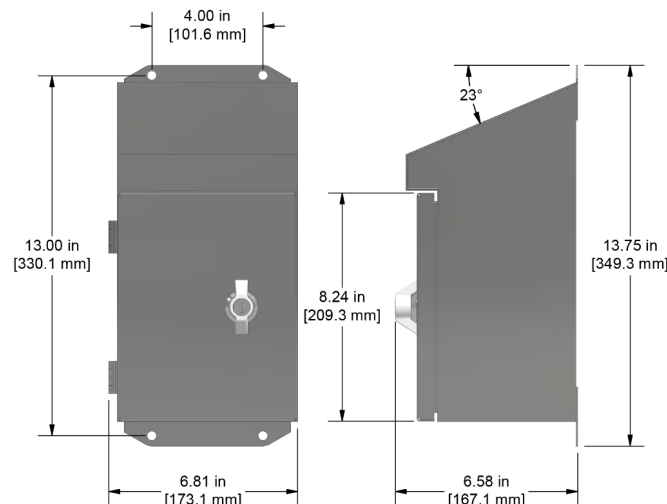


## Product Features

Fully featured vibration junction box with IEPE sensor condition indicator lights, and convenient interface with fold-forward panel for easy wiring.

Internally Grounded for Noise Reduction

- ▶ Accepts up to 12 single output sensor inputs for a maximum of 12 channels of measurement
- ▶ Includes an IEPE bias indicator light to identify when data is to be collected or to show open and short circuit conditions
- ▶ Flip down panel allows for convenient wiring to terminal blocks



## Specifications

|                      |                                                                                     |
|----------------------|-------------------------------------------------------------------------------------|
| Temperature Range    | -58 to 180 °F (-50 to 82 °C)                                                        |
| Enclosure Material   | Stainless Steel                                                                     |
| Inputs               | +, -, Shield                                                                        |
| Outputs              | BNC Jack and 2 Pin MIL                                                              |
| Continuous Output    | Multi-Pin Connector for Interface with Online Systems (optional, requires JB907-3A) |
| Sensor Input Options | 4, 6, 8, 10, 12                                                                     |
| Rating               | NEMA 4X (IP66)                                                                      |
| Door Closure         | Twist Lock                                                                          |
| Dimensions           | 6.24 x 13.75 x 6.12 in.<br>(159 x 349 x 155 mm)                                     |
| Cord Grips           | Optional                                                                            |
| Switch               | 2 Pole                                                                              |
| Bias Indicator       | 1 Channel                                                                           |
| Resistance           | Resistant to Hose Directed Fluid and Corrosion                                      |

## Ordering Information

|                                                                                                              |                                                                                       |                                                                                                                                                                                     |                                                                                                                                                                                     |                                                                                                                                                                                     |  |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| JB                                                                                                           |                                                                                       |                                                                                                                                                                                     |                                                                                                                                                                                     |                                                                                                                                                                                     |  |
| <b>Enclosure Type</b>                                                                                        | <b>Sensor Inputs (Single Output)</b>                                                  | <b>Input Options (Spring Cage Terminal Blocks)</b>                                                                                                                                  | <b>Input Options (Screw Terminal Blocks)</b>                                                                                                                                        | <b>Input Options (Continuous Output)</b>                                                                                                                                            |  |
| 110 = Fiberglass Enclosure<br>210 = Stainless Steel Enclosure<br>310 = Stainless Steel Enclosure, Sloped Top | 4 = 4 Sensors<br>6 = 6 Sensors<br>8 = 8 Sensors<br>10 = 10 Sensors<br>12 = 12 Sensors | A = No Factory Penetrations*<br>B = Conduit Fitting**<br>C = Nylon Cord Grips<br>E = BNC Cable Connection<br>N = Nickel Plated Brass Cord Grips†<br>S = Stainless Steel Cord Grips† | G = No Factory Penetrations*<br>H = Conduit Fitting**<br>I = Nylon Cord Grips<br>J = BNC Cable Connection<br>L = Nickel Plated Brass Cord Grips†<br>K = Stainless Steel Cord Grips† | M = No Factory Penetrations*<br>P = Conduit Fitting**<br>R = Nylon Cord Grips<br>F = BNC Cable Connection<br>V = Nickel Plated Brass Cord Grips†<br>T = Stainless Steel Cord Grips† |  |

\*No punch outs are provided in the enclosure for cable entry.  
User may install any fitting required.

\*\*For use with conduit.

†Stainless Steel enclosures only.