

## Model JBS Series

### Switchable / Multichannel Junction Boxes



The JBS Series Junction Boxes are multiple channel connecting centers for terminating and switching the outputs of up to 48 two-wire vibration sensors. Commercially available portable data collectors can record the sensor readings from a **safe, central location**, solving the problem of taking measurements in noisy, inconvenient or harsh machinery locations.

#### FEATURES INCLUDED IN ALL MODELS

- All rotary switches are sealed, military quality with gold contacts to eliminate problems with contact noise.
- Electro-Static Discharge (ESD) protection for each sensor channel.
- Analog DC voltmeter measures supply and sensor bias voltages to verify proper operation of the sensors.
- Termination panel is inside at the rear of the switch box.
- All JBS Models are contained in a 14 gauge steel enclosure with a NEMA 4 rating. The NEMA 4 rated enclosures are sealed and have quick opening latches and hinged doors. They are intended for indoor or outdoor use, and provide a degree of protection against windblow dust, rain, and hose directed or splashing water.
- Selector switch and meter mounted internally on hinged panel for environmental protection.

#### SPECIFICATIONS

##### All Models

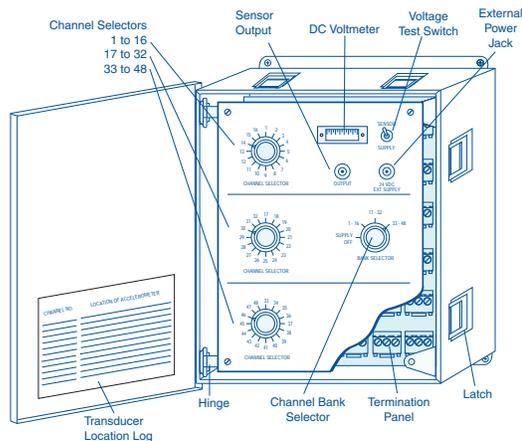
Output Connector .....	BNC
Housing .....	NEMA 4 (14 gauge steel enclosure for indoor and outdoor use)

##### Model JBS-32H

Channels .....	32
Size (H x W x D) .....	16" x 12" x 6"

##### Model JBS-48H

Channels .....	48
Size (H x W x D) .....	16" x 12" x 6"



#### OPTIONS:

- Third lead for use on sensors with an internal temperature probe (add suffix T to model number when ordering)
- Internal AC power supply — for line voltages, order Model JBS-XXX-YYY (insert proper line voltage). Available line voltages include 100, 120, 200, 220, and 240.
- External battery pack (requires battery charger), BP24
- Battery charger, LA24

#### SPECIAL ORDER:

- NEMA 4X rated splash proof, corrosion resistant, stainless steel enclosures for harsh environments. Please contact your Applications Engineer for more information.