



## Model VL6B & VL12B

VibraLINK® Low Cost, Switchable Junction Boxes

### FEATURES

- Low cost and durable construction
- For use with all 2-wire sensors
- Increases Safety and simplifies data collection in:
  - Confined or difficult locations
  - Dangerous height areas
  - Mechanical hazard areas
  - Guarded machinery
- Differential switching of both signal and common reduce problems with noise, ground loops, and signal coupling from adjacent channels
- Ferrite beads for RF rejection prevents EMI pick-up that can cause "ski slopes" in data
- All wiring is in the printed circuit board and shielded by two ground planes to minimize RF pickup from portable radios that can lead to "ski slopes" in data

### DESCRIPTION

The VL6B & VL12B enables switching of up to six or twelve sensors to a single output. The selected output goes to a BNC connector.

- A manual selector switch directs the desired measurement channel to a single BNC output.
- The accelerometer inputs are 2 part plug / socket type.

The VL6B & VL12B boxes permit easy interface of multiple sensors to portable data collectors, FFT analyzers, recorders, oscilloscopes, and vibration meters. They allow sensor readings to be recorded from a safe, central location, solving the problem of taking measurements in noisy, inconvenient, or harsh machinery locations.

### SPECIFICATIONS

#### Input

Connectors .....	2 part plug / socket type
Channels .....	6 (VL6B)
	12 (VL12B)

#### Output

Connector	
Local .....	BNC
Gain .....	1

#### Available Enclosures:

Designator	Material	Rating	Dimensions
L	Thermoplastic	NEMA 4X (IP66)	8x6x4
S	Stainless Steel	NEMA 4X (IP66)	8x6x4

**Other Options:**

G	Cable grip installed with insert drilled for 12 cables, 0.190" dia
M	BOV meter installed
C	Conduit fitting

Model Numbers: VL12B — ex: VL12BLGM  
 VL6B — ex: VL6BLGM

