

#### **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

# Model VL6B & VL12B

VibraLINK® Low Cost, Switchable Junction Boxes

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

## Output

Conne	ctor	
	Local	BNC
Gain		1

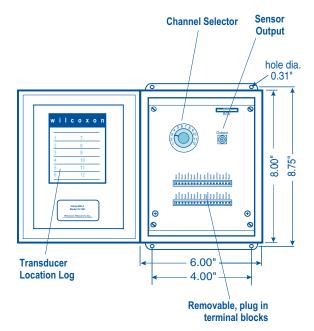
#### **Available Enclosures:**

<u>Designator</u>	<u>Material</u>	Rating	<u>Dimensions</u>	
L S	Thermoplastic Stainless Steel	NEMA 4X (IP66) NEMA 4X (IP66)	8x6x4 8x6x4	
Other Options: G M C	Cable grip installed with insert drilled for 12 cables, 0.190" dia BOV meter installed Conduit fitting			

Model Numbers:

VL12B — ex: VL12BLGM VL6B — ex: VL6BLGM





VIBRATION INSTRUMENTATION

W-15