# VibraLINK® enclosures

## Switchable junction boxes



Standard model: 1-12 channels

VibraLINK® switchboxes (VLS) handle up to 48 inputs of standard IEPE sensors. Flexible design enables a single board to be configured for 6, 8 or 12 channels. NEMA 4 rated enclosures are available in stainless steel or fiberglass to meet industrial or food processing applications. VibraLink® enclosures come standard with pre-drilled access holes for easy cable entry and exit with user-selected cable grips or conduits.

An industry exclusive data ready light (patent pending) provides visual confirmation when sensor BOV has stabilized and data can be taken without risk of ski-slope interference. Low frequency anomolies resulting from magnet slap and dicharge time constant settling can be avoided. Wilcoxon's advanced LED indication feature helps to minimize time spent in the field by ensuring only viable data has been collected.

BNC and 2 pin MIL-5015 connectors are included for compatibility with most popular data collectors including the MachineryMate 800 meter. For online monitoring, optional terminal strip connectors are available. VibraLink switchboxes enable machinery health monitoring from a safe location minimizing risks of walkaround collection and reducing long cable costs.



Expandable model: 12-48 channels

### Key features

- Data ready light
- Up to 48 channels
- 55% more internal space
- Low cost
- Durable and built to last
- Lifetime warranty
- BNC and MIL-5015 connector
- For use with all IEPE sensors
- Manufactured in an approved ISO 9001 facility

### Certifications

CE

Note: Due to continuous process improvement, specifications are subject to change without notice. This document is cleared for public release.

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## SPECIFICATIONS

| | | |
|---|---|---|
| **Hardware** | | |
| **Channels, user selected** | 6, 8, 12, 24, 36, 48 | |
| **Output connectors** | BNC and 2-pin MIL-5015 | |
| **Material, user selected** | fiberglass or stainless steel | |
| **Dimensions** | 10x8x4 in, 6-12 channels (non-expandable) | |
| | 20x16x8 in, 12-48 channels (expandable) | |
| **Hinge** | stainless steel continuous weld | |
| **Latch** | stainless steel butterfly knob | |
| **Input/output fittings, user selected** | cable grips or conduit | |
| **Terminal block connectors** | 3 positions per channel | |
| **Online connectors (optional)** | 24 multi-pin, removable | |
| **Rating** | **fiberglass** | NEMA 4X/IP66 |
| | **steel** | NEMA 4/IP66 |
| **Mounting** | 4 stainless steel feet (fiberglass model | |
| | includes configurable feet) | |
| **Sensor support** | IEPE | |
| **Data setting time, variable,** | green: stable BOV | |
| **indicated by data ready LED** | yellow: BOV stabilizing | |
| | red: error detected | |
| **Channel selector** | 12 position dial switch, differential switching | |

## Ordering guide

```
                    ┌─────────────────┐        ┌─────────────────┐
                    │ Standard output │        │ Terminal type   │
                    │ C - conduit     │        │ S* - screw      │
                    │ G - cable grip  │        │ Q - Quickconnect│
                    └─────────────────┘        └─────────────────┘
                                                       * Recommended

        VLS  ☐  ☐  ☐  -  ☐  -  ☐  -  ☐

   ┌────────────┐ ┌──────────┐ ┌──────────────┐     ┌──────────────────────┐
   │ Channels   │ │ Size     │ │ Material     │     │ Online connectivity  │
   │ 06, 08, 12,│ │ B - 10x8x4│ │ F - fiberglass│     │ N - none             │
   │ 24, 36, 48 │ │ E - 20x16x8│ │ S - stainless steel│ │ OC - conduit         │
   └────────────┘ └──────────┘ └──────────────┘     │ OG - cable grip      │
                                                     │ OP - plug            │
                                                     └──────────────────────┘
```
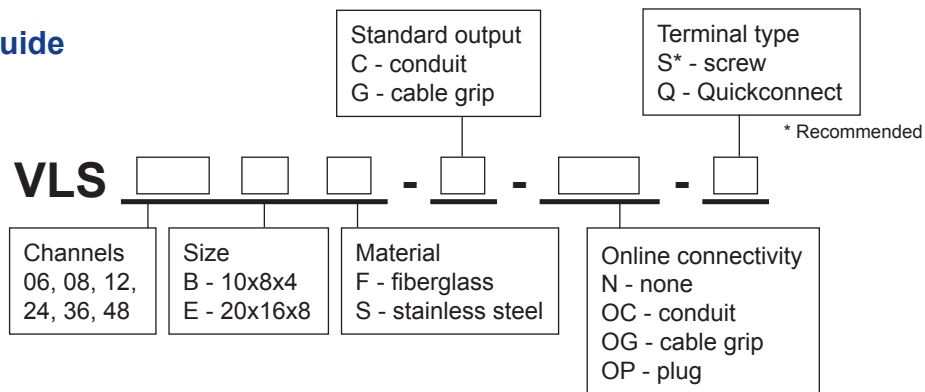
Examples:

**VLS06BF-C-OG-S:** 6 channel switchbox, fiberglass 10x8x4 enclosure with screw terminals and conduit outputs, online connectivity with cable grip output

**VLS24ES-G-OP-Q:** 24 channel switchbox, stainless steel 20x16x8 enclosure with Quickconnect terminals and cable grip outputs, online connectivity with plugged hole output

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**Wilcoxon Sensing Technologies**
An Amphenol Company
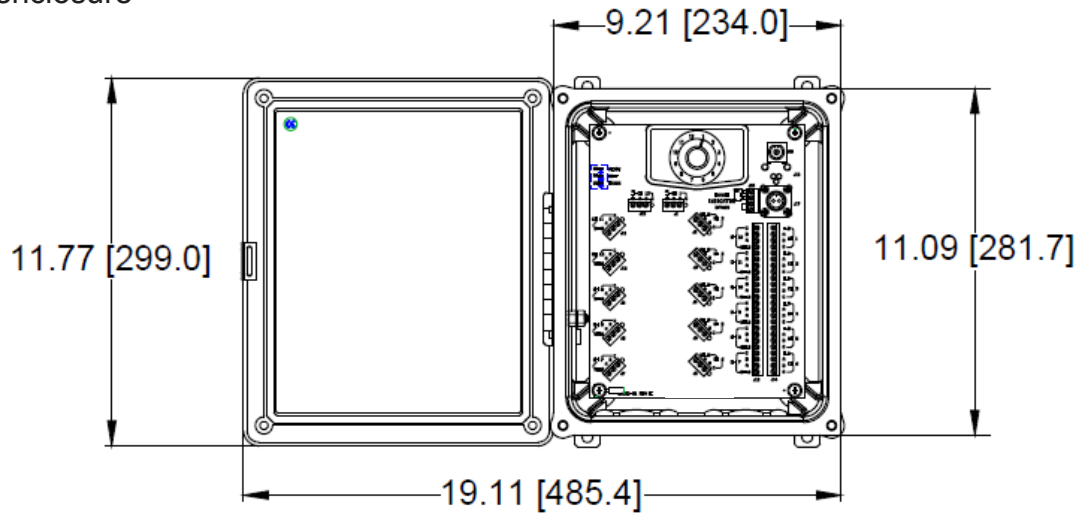
**Accessories supplied:**

• Transducer location log

• Mounting feet

• Grounding lug

• Cable grip plugs (based on model ordered)

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### Drawings

1-12 channel enclosure



9.21 [234.0]
11.77 [299.0]
11.09 [281.7]
19.11 [485.4]

12-48 channel expandable enclosure



16.96 [430.8]
21.69 [551.0]
20.97 [532.6]
34.65 [880.2]

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