VibraLINK® enclosures

Dual-output switchable junction boxes

Standard model: 1-12 channels

VibraLINK® dual-output switchboxes (VLD) handle up to 48 inputs of dual-output vibration and temperature sensors including Wilcoxon's 786T series. 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 anomalies 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.

The popular 3 pin MIL-5015 connector is included for compatibility with dual-output, 3 pin sensors. 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.

Key features

- Data ready light
- Up to 48 channels
- 55% more internal space
- Low cost
- Durable and built to last
- Lifetime warranty
- 3 pin MIL-C-5015 connector
- For use with dual output 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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Wilcoxon Sensing Technologies
An Amphenol Company

99202 Rev. B 08/17

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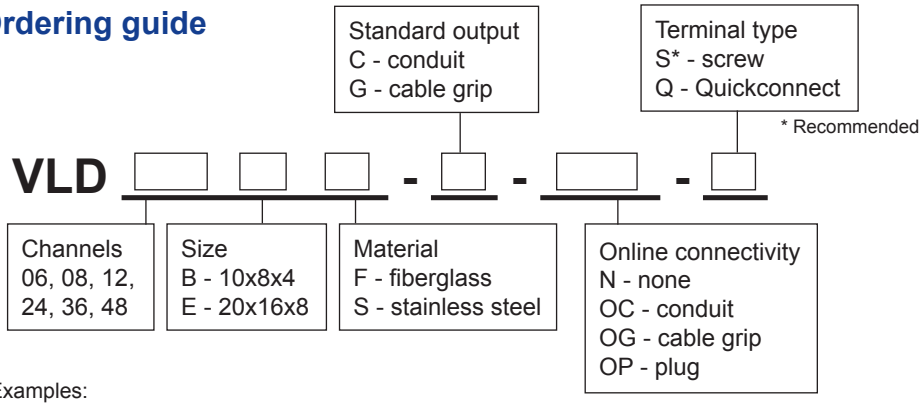
SPECIFICATIONS

Hardware		
Channels, user selected		6, 8, 12, 24, 36, 48
Output connector		3 pin MIL-C-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		4 positions per channel
Online connectors (optional)		multi-pin, removable
Rating	**fiberglass**	NEMA 4X/IP66
	stainless steel	NEMA 4/IP66
Mounting		4 stainless steel feet (fiberglass model includes configurable feet)
Sensor support		dual-output (acceleration and temperature)
Data setting time, variable, indicated by data ready LED		green: stable BOV yellow: BOV stabilizing red: error detected
Channel selector		12 position dial switch, differential switching

Ordering guide



Examples:

VLD06BF-C-OG-S: 6 channel switchbox, fiberglass 10x8x4 enclosure with screw terminals and conduit outputs, online connectivity with cable grip output

VLD24ES-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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Accessories supplied:

- Transducer location log
- Mounting feet
- Grounding lug
- Cable grip plugs (based on model ordered)

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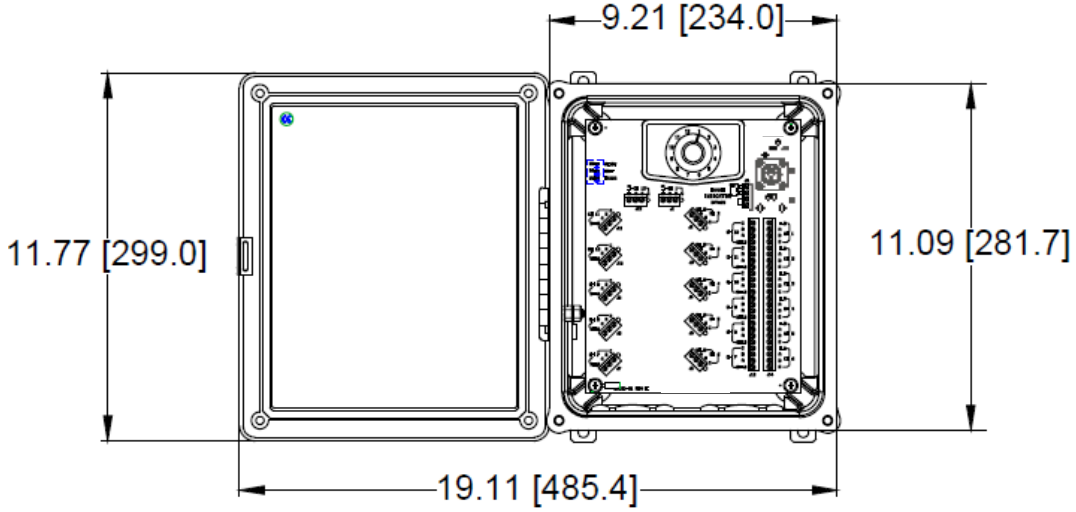
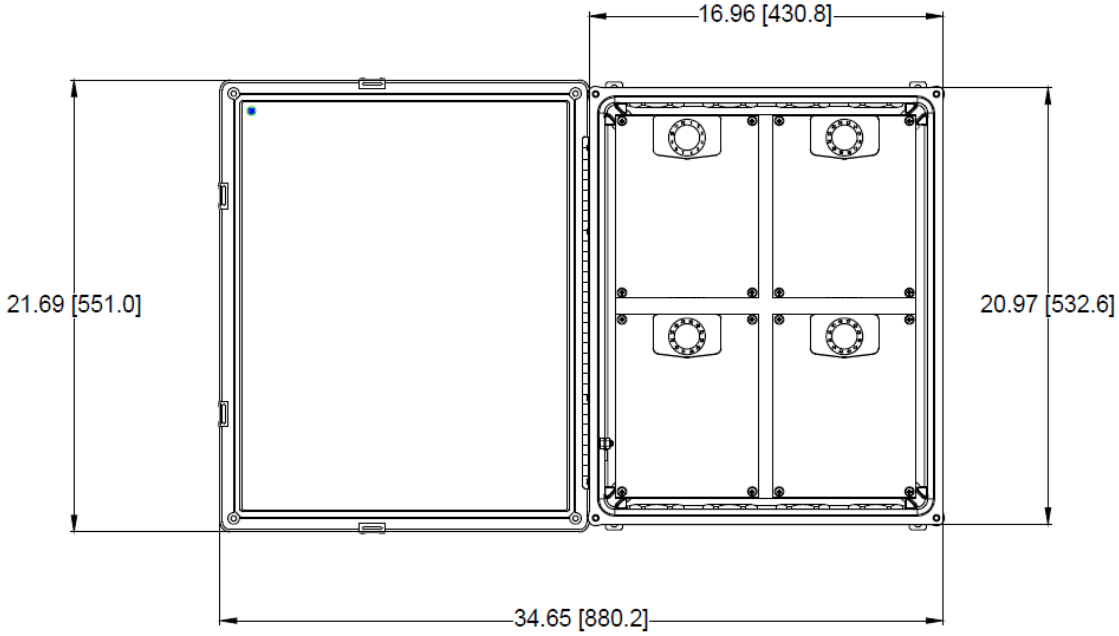
Drawings

1-12 channel enclosure



12-48 channel expandable enclosure



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