



**APPLIED MEASUREMENTS LTD.**  
Transducer Specialists...

+44 (0) 118 981 7339

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[www.appmeas.co.uk](http://www.appmeas.co.uk)

## AMLJBNA Passive Load Cell Junction Box

### Key Features:

- Connect up to 4 Load Cells or Other Strain Gauge Sensors in Parallel
- Robust IP65-rated Die-Cast Enclosure
- IP68-rated Cable Glands
- Compact Size
- Modified Versions for Harsh Environments
- 3 Year Warranty



The AMLJBNA is a non-active junction box designed to provide a fast and easy way of connecting up to four strain gauge transducers in parallel. The AMLJBNA junction box is typically used with load cells in vessel and silo weighing applications.

The AMLJBNA load cell junction box is housed in a rugged IP65 diecast enclosure and the interconnecting circuit board features easy access screw terminals with IP68 cable glanded cable entry, offering a robust construction for use in all but the most arduous environmental conditions.

For applications where the standard model is unsuitable, we can offer a version with improved sealing and a Stainless Steel enclosure.

If you require a load cell junction box with the ability to correct for strain gauge sensitivity variations and include corner correction capability, please refer to our [AMLJBA](#) for applications where the millivolt signals from each of the load cells needs to be very closely matched. For more information about the AMLJBNA Passive Load Cell Box, please speak to our [technical sales team](#).

### Industries:

- Automotive
- Agriculture
- Silo and Weighing Industry
- Construction
- Alternative Energy
- Civil Engineering
- Lifting and Handling
- Waste Management

### Applications:

- Weighing Platforms
- Vessel Weighing Systems
- Weighbridges
- Conveyor Weighing Systems
- Bridge Structure Monitoring
- Waste Management Systems
- Lifting and Handling
- Monitoring of Anchor Loads
- Truck Load Weight Monitoring
- Skip Weighing System
- Multi-Cell or Multi-Transducer Installations
- Monitoring of Building Foundations
- Force Measurement in Formula Racing
- Silo Weighing
- Measuring the Power Output of a Motor
- Weighbridges



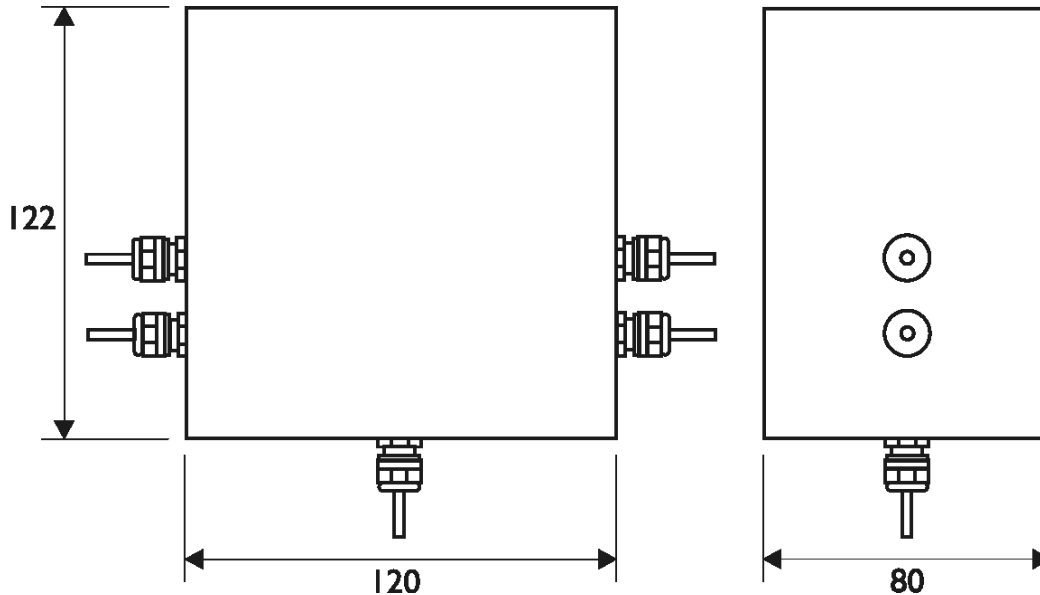
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### Dimensions (mm):



### Ordering Codes:

Core Product	Capacity (inc Engineering Units)	Cable Length (m)	Specials Code	Result
AMLJBNA				AMLJBNA

### Associated Products:



[TR150 Handheld Indicator](#)



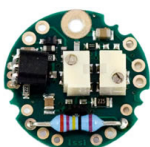
[T24 Wireless Telemetry Range](#)



[Intuitive4-L Panel-Mount Indicator](#)



[DSC-USB USB Signal Digitiser](#)



[ICA Miniature Strain Gauge Amplifier](#)



[SGA Signal Conditioner/Amplifier](#)