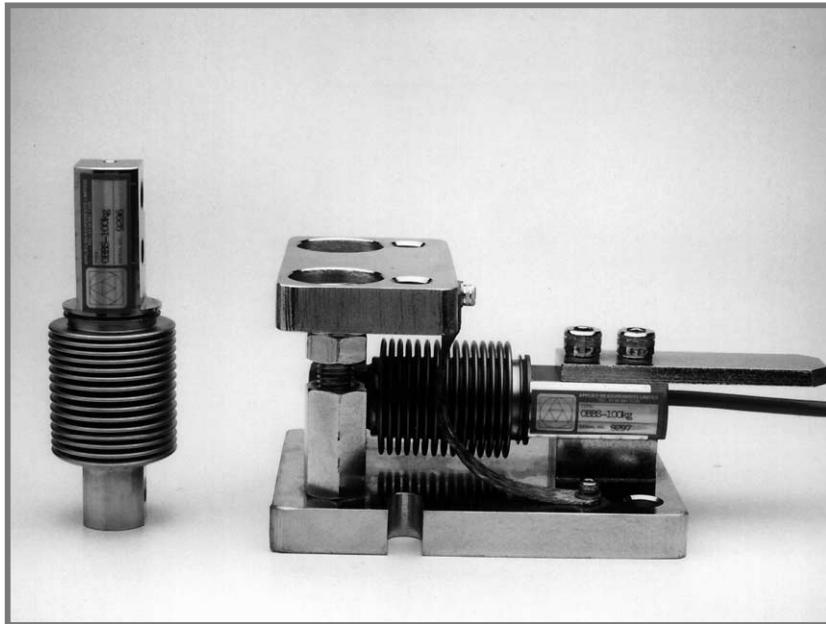


# Stainless Steel Hermetically Sealed Bending Beam **LOAD CELL**

## OBBS Series



- Capacities 5kg to 500kg
- Hermetically sealed to IP67
- Stainless Steel construction
- Sense wire facility
- Various Certification options available (consult factory)
- **3 YEAR WARRANTY**

### Options Available

Different Cable Lengths

Full range of mounting options available, including:-

- Vessel mounting assembly
- Shock/Anti-Vibration mounting assemblies
- Ball-In-Cup - hopper mounting assembly
- Load Button
- Fold Back Arms - converts the cell to a 'S' type cell

500VAC Certification

BASEEFA Certification

### DESCRIPTION

Model OBBS is a welded bending beam load cell manufactured from stainless steel. Hermetically sealed against ingress of liquids the sensor's construction and polyurethane shielded cable enables it to function in harsh environments whilst maintaining its integrity.

The low profile, high accuracy and sealing makes this load cell highly suitable for applications such as low profile platforms, weighing and packing machines, conversion of mechanical scales. The stainless steel construction also makes it highly desirable for weighing applications such as food, pharmaceutical, brewing etc., or any application where the load cell needs to be washed down for hygienic purposes.

Sense wires feed back the voltage reaching the load cell, giving compensation for changes in the lead resistance due to temperature change and/or cable extension, is achieved by feeding this voltage into the appropriate electronics (for appropriate instrumentation, please refer to the Instrumentation datasheets).

*Transducer Specialists...*

## **APPLIED MEASUREMENTS LIMITED**

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