

## Continuous Level Indicator EmWeA C-Level.

Continuous level measurement  
for bins and vessels.

**Accuracy: from  $\pm 2\%$ .**

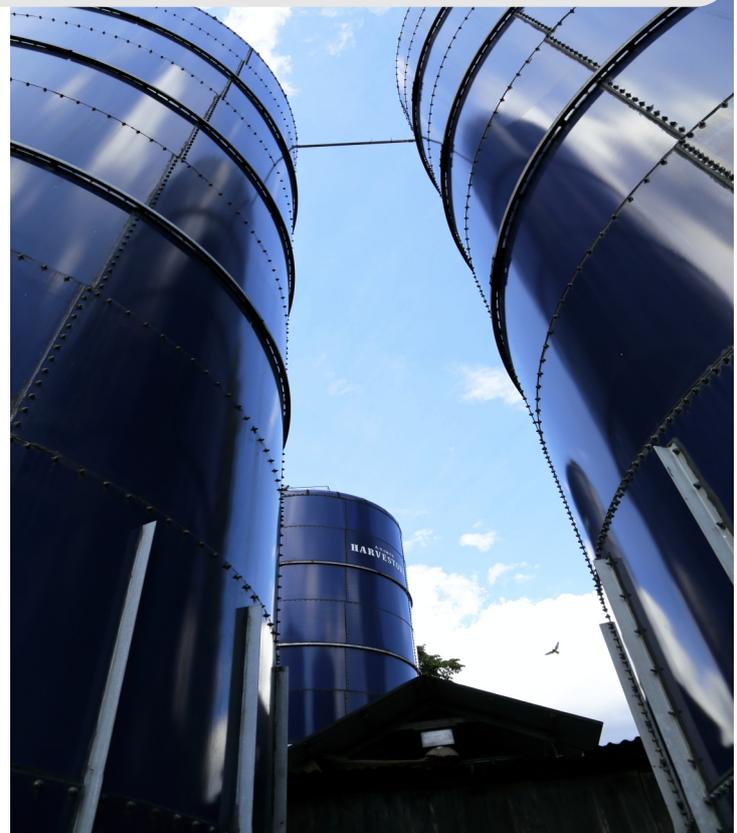


### Continuous Level Indicator

The C-Level continuous level indicator's unique precision strain gauge sensors are press-fit into a vessel's support structure, so there is no concern for failure or maintenance issues caused by difficult materials or harsh process environments. This ensures that your process operates at its optimum level of performance. Using the C-Level continuous level indicator will minimize the maintenance required.

The C-Level continuous level indicator is ideally suited for inventory monitoring and process control during the load-out or filling of bins and vessels containing bulk solids or liquids. Due to its unique precision strain gauge sensors being press-fit into the vessel's support structure, the system can operate without concern for failure or maintenance issues caused by the monitored material or process environment. This distinctive design also compensates for temperature changes that can affect the accuracy of other types of sensors.

Accurate to within  $\pm 2\%$  depending on the application, the C-Level indicator is unaffected by corrosive or abrasive materials, uneven material discharge, build-up on sidewalls, bridging, rat-holing or dusting. This makes it a real alternative to conventional level measuring methods.



### Features and Benefits

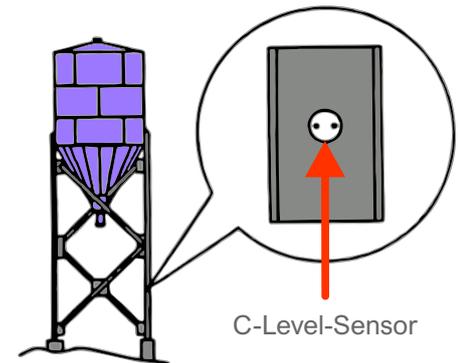
- Precision electronic and hermetically-sealed stainless steel strain sensor.
- Sensor mounted externally to the bin, which eliminates contamination or corrosion that can result from contact with the monitored product.
- Incorporation of the sensor as an integral part of the support member cancels temperature effects common to so-called „bolt-on“ sensors.

## Technical Specifications:

### C-Level Strain Sensor:



Enclosure:	Stainless steel 1.4301 AISI 304
Connection cable:	PVC cable, 30 cm or 10 m
Installation:	Press fit in precision bore
Supply voltage:	10 V DC
Signal output:	1 mV/V
Operating Temperature:	-40°C ... +65°C



C-Level-Sensor

### Indikator WT15:



Housing:	Aluminium; DIN-Schalttafelmontage für Ausschnitt 138 x 82 mm
Operating temperature:	-10 ... +50 °C
Storage temperature:	-20 ... +70 °C
Power:	24 V DC ± 25%; 5 W
Inputs:	6 binary outputs; opto-insulated; 24 V DC PNP (external power supply)
Outputs:	6 binary inputs; opto-insulated; 24 V DC PNP (external power supply)
	1 analogue output 0/4 ... 20 mA, or 0 ... 5/10 V
	1 serial interface RS 232C
	1 USB port
Display:	Touch screen
Options:	RS 422/485, PROFIBUS®, PROFINET®, Ethernet TCP/IP, EtherNet/IP™, or EtherCAT®
Certificates:	CE



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*Any question?*

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