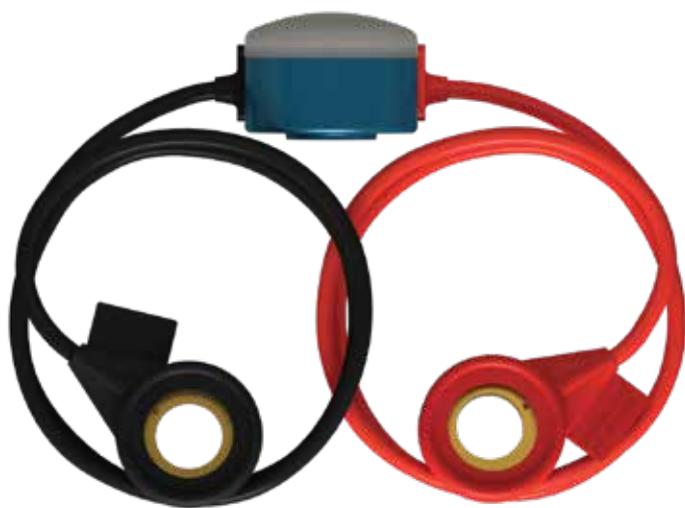


BATTERY VOLTAGE SENSOR
for all flooded batteries



COST SAVINGS

RELIABILITY

QUALITY

*Save on periodic
inspection costs.*

*Increase reliability and
quality of your operation!*



The ABERTAX Battery Voltage Sensor (BVS) is designed to easily maintain flooded batteries kept in storage. It achieves this by providing an indication of the batteries' voltage in an effective and energy-efficient manner. Despite the product's simplicity, its design robustness makes it ideal for the harsh electrical, mechanical and chemical environments that flooded batteries are subjected to.

The sensor flashes GREEN to indicate that the battery voltage is at a Correct level. On the contrary, the sensor flashes RED when the battery is at a Low voltage level and hence warns of the need to charge the battery. The rate of flashing is intentionally slow in order for the indication to be clearly visible and also to keep the current consumption to a minimum.

The ABERTAX BVS is designed for a nominal voltage of 12V i.e. 6 cells. It can handle voltages up to a maximum voltage of 18V. The sensor is also sufficiently robust to withstand short duration voltage spikes of up to 120V. When the voltage is eventually returned to that of normal operating conditions, the sensor will automatically reset and resume operation.

The ABERTAX BVS incorporates a fuse for the purpose of damage limitation in the case of sustained high voltage conditions.

The ABERTAX BVS features protection against reverse polarity. Once connected correctly, the sensor will automatically reset and resume operation. Another special feature of ABERTAX BVS is its ultra-low current consumption.

The ABERTAX BVS is supplied in a solid enclosure with a Blue base to make it easily distinguishable from other products offered by ABERTAX.

Connector Options



SC - Standard Connector



TC - Terminal Connector



WLW - Washer with Leading Wire (Patent Protected)

TECHNICAL SPECIFICATIONS

Nominal Supply Voltage:	12V (6 x 2V cells)
Max. Operating Volt. (12VDC nom.):	18VDC
Min. Operating Volt. (12VDC nom.):	8VDC
Average Current Consumption @ 12VDC:	<1mA
Protection Class:	IP65
Approx. Weight (Standard Type):	50g
Dim. Sensor Housing:	30mm diameter, 20mm height
Housing Colour:	Blue bottom case, white opaque lid

ABERTAX® TECHNOLOGIES

Leaders in Battery Ancillaries

ABERTAX® Technologies Ltd · KW17A Corradino Industrial Estate · Paola PLA 3000, Malta
Tel +356 23 678100, +356 21 660606 · Fax +356 21 808625 · info@abertax.com · www.abertax.com
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