

# WEMA-SYSTEM NEW RELEASE

## WEMA-SYSTEM™

### S3 FUEL/WATER TANK SENDER UNITS

*Wema-System is a manufacturer of high quality, heavy duty, tank level sending units for a variety of marine and commercial applications. The S3 series sender is an innovative solution for monitoring the level of fuel and/or water tanks in boats, trucks, coaches, caravans and recreational vehicles.*

Superior to conventional float arm type senders, the Wema-System solution for monitoring fuel and/or water tank levels is presented in the S3 model tubular sender unit.

With the float as the only moving external part the S3 sender is designed with longevity, durability and performance in mind. Constructed in AISI 316 stainless steel the sender is suitable for a wide range of mediums including, diesel, petrol, fuel oil, potable and grey water. A threaded mounting section is an industry standard pipe fitting size and can be simply screwed into a socket fixed to the top of the tank.

The S3 sender is available in a multitude of lengths to suit tanks from 150 millimetres up to 1.5 metres in depth. Termination is via flying leads which have a sealed entry into the top of the sender for water resistance.

A range of matching Wema-System gauges is readily available for the S3 series tank sender units.

| Parameter             | Specification  |
|-----------------------|--|
| Code number           | S3-E150 through to S3-E1500  |
| Sender length         | 150mm through to 300mm in 25mm increments; and 300mm through to 900mm in 50mm increments; and 900mm through to 1500mm in 100mm increments. |
| Medium                | Diesel, petrol, potable and grey water (not black water).  |
| Operating voltage     | 12/24 VDC  |
| Output value          | 0 Ohms empty – 180 Ohms full linear.<br>Other resistance values available to order.  |
| Material              | AISI 316 stainless steel   |
| Mounting thread       | 1-1/4" BSP   |
| Mounting kit          | Optional mounting kits available upon request  |
| Operating temperature | -40° to +85°C  |
| Termination           | 2 x flying leads (tinned) 290mm long (sheathed)  |

