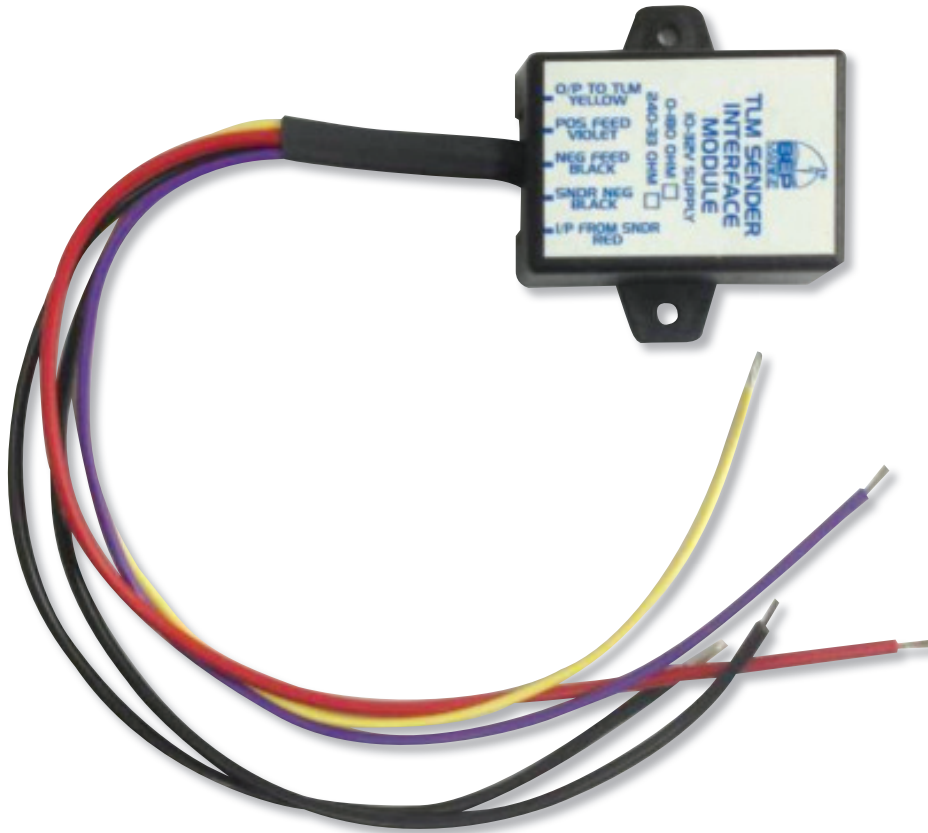


# 600-TLM-SIF TANK SENDER MODULE INTERFACE

## OWNERS INSTRUCTION MANUAL

**BEP**  
LEADING ELECTRICAL DESIGN



### PRODUCT DESCRIPTION:

This signal converter module is used with 10-180 ohm, or 240-33 ohm tank senders to produce a 0-5V output.

BEP equipment that uses a 0-5 volt signal input includes the DCSM DC/Systems Monitor, CZone Digital Switching/Monitoring, and the (obsolete) 600-TLM tank monitor.

### SPECIFICATIONS:

**Supply voltage:** 10-32 volts

**Switchable jumper** (link) for 240-33, or 10-180 ohm inputs (Supplied with jumper set to suit 240-33 ohm senders)

**Output voltage:** 0-5 volts

#### Important Note:

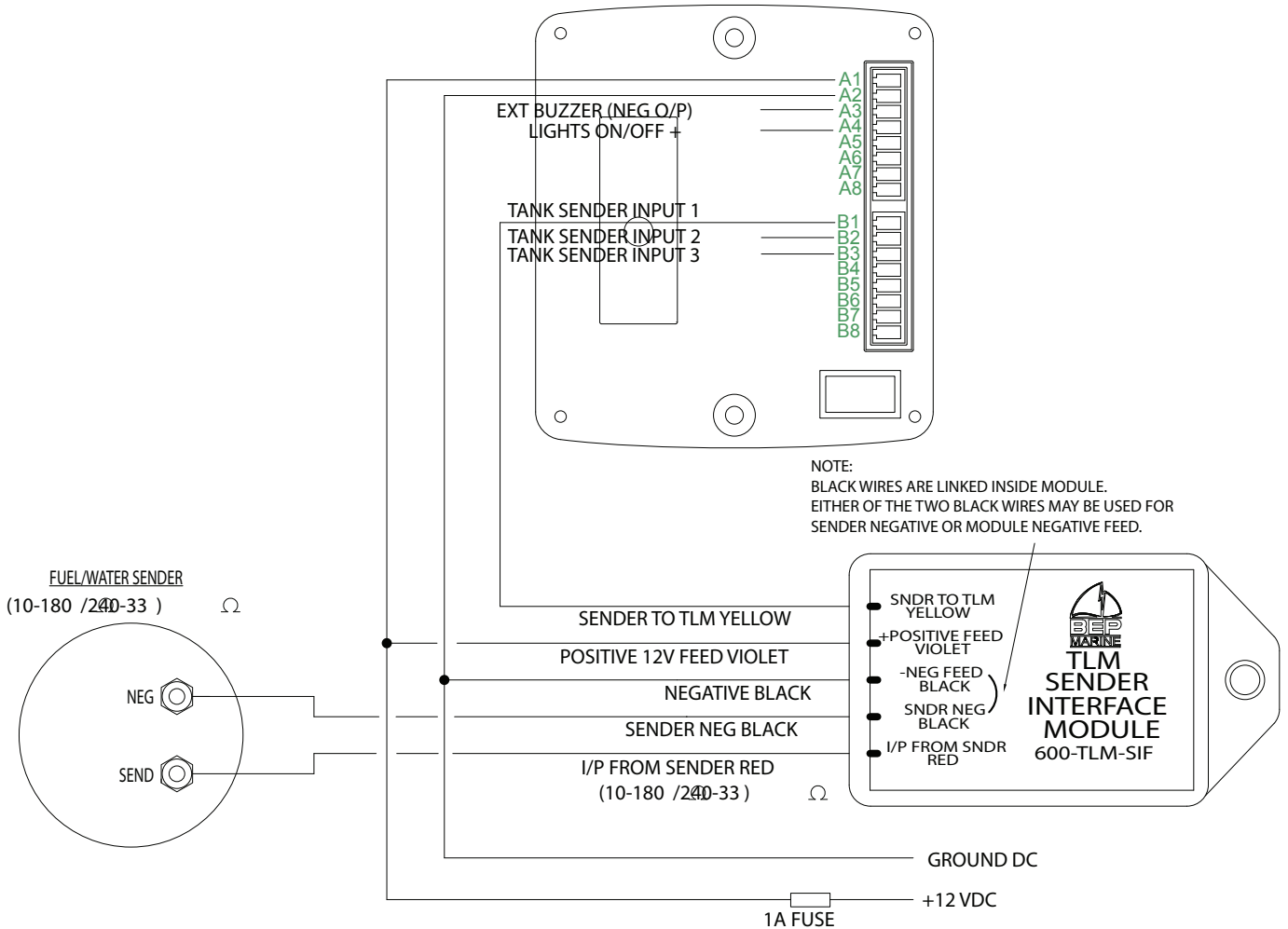
Tank monitoring must be calibrated to ensure that monitor matches tank conditions!

The 240-33 ohm senders may indicate some tank contents when in fact the tank is empty

# 600-TLM-SIF TANK SENDER MODULE INTERFACE

## OWNERS INSTRUCTION MANUAL

### 600-TLM-SIF WIRING DIAGRAM



### NOTE:

Black wires are linked inside unit.  
so either black wire can be used for  
sender neg. or neg. supply.

TANK SENSOR	INTERFACE SETTING
	Empty-Full
10-180 ohm	10 (Empty)-180 $\Omega$ (Full)
240-33 ohm	240 (Empty) -33 $\Omega$ (Full)

TO ALTER INTERFACE MODULE TO SUIT SENDER TYPE:

GENTLY LEVER OFF REAR COVER  
TO EXPOSE CIRCUIT BOARD.

SIDE VIEW



USE A NEUTRAL CURE TYPE  
GLUE/SEALER TO REFIT REAR COVER.

BOTTOM VIEW



REMOVE SMALL JUMPER SOCKET AND FIT  
TO THE JUMPER PINS THAT SUIT YOUR SENDER TYPE,  
AS SHOWN BELOW. (FACTORY PRESET TO 240-33Ω)

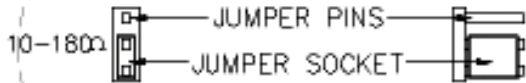
BOTTOM VIEW



JUMPER SOCKET REMOVED.

TOP VIEW

SIDE VIEW



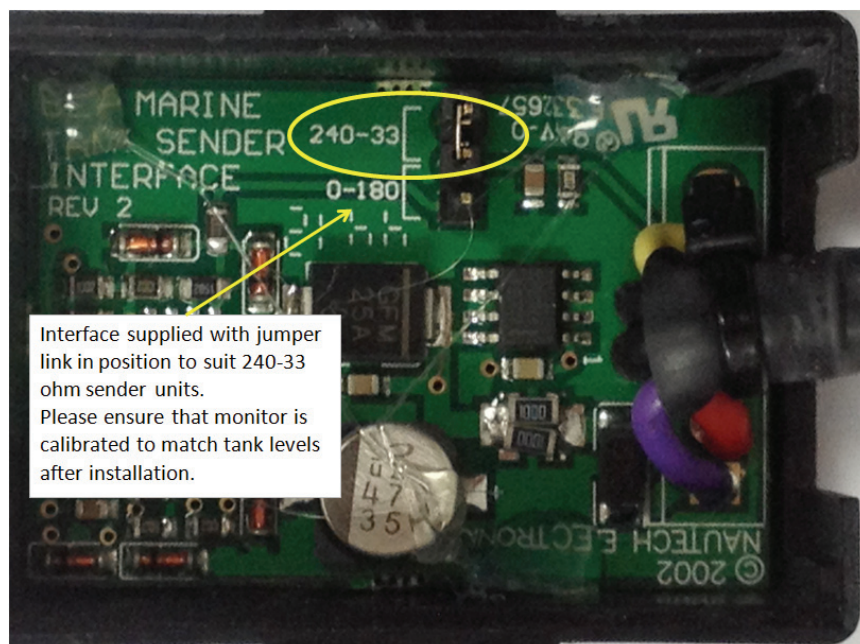
JUMPER SOCKET FITTED FOR  
10-180 OHM SENDERS

TOP VIEW

SIDE VIEW



JUMPER SOCKET FITTED FOR  
240-33 OHM SENDERS



Interface supplied with jumper link in position to suit 240-33 ohm sender units. Please ensure that monitor is calibrated to match tank levels after installation.