

Ø 53 mm

DIESEL SENSOR/GAUGE
INSTALLATION/INSTRUCTIONS

CB.020 - 20020
DB.010 - 20006
DB.010 - 21006

CM

Craftsman
MARINE

Preface

The Craftsman Marine diesel fuel tank sensor is used to measure the contents of the fuel tank and to reproduce it on the dial of a fuel gauge. The tank sensor is to be connected to a Craftsman Marine fuel gauge and it is only suitable for measuring the contents of a diesel fuel tank.

The great advantage of a Craftsman Marine capacity sensor is, that it contains no moving parts, such as a float arm and that is therefore insensible to wear and tear.

Specifications

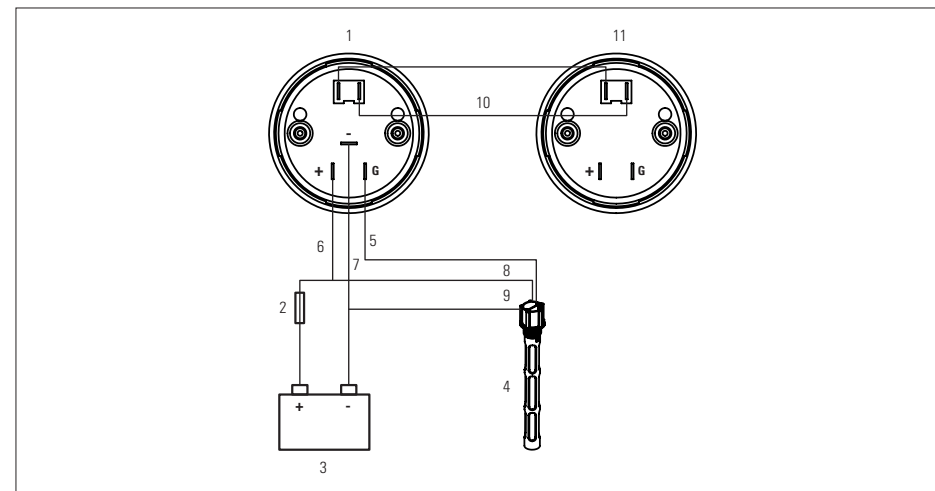
| Description | Diesel fuel tank sensor |
|-----------------------------|---|
| Voltage | 8 - 30V DC |
| Resistance values | Tank empty [E] = 3 ohm Tank half full [1/2] = 100 ohm Tank full [F] 180 ohm |
| Suitable for height of tank | 20 cm |
| Sensor technology | Capacity approximation sensor |
| Dimensions | Length 25 cm, thread M27 |

Installation

Screw the sensor into the tank cover, as indicated on the front page.

Connection

If a Craftsman Marine engine instrument panel (ALFA20, ALFA30 or ALFA40) is fitted as well, the background lighting of the tank level gauge may also be connected to the panel. The lighting can then be switched on or off by means of the starter switch. Please consult the installation instructions of the engine instrument panels. The wiring of the voltmeter is provided with dual plug connections.



1. Fuel tank gauge
2. Fuse
3. Battery
4. Tank sensor
5. Green wire, signal to tank gauge
6. Connect to battery + pole
7. Connect to battery - pole
8. Red wire of tank sensor (battery +)
9. Black wire of tank sensor (battery -)
10. Wiring for backlight. This can also be connected to the battery.
11. Voltmeter in ALFA 20, 30 or 40.