



## Service data bulletin

Instrument: GDS101  
SDBGDS101\_33 Burned resistors on terminal PCB

Date: 09.10.2014  
Created by: Geir Theodorsen

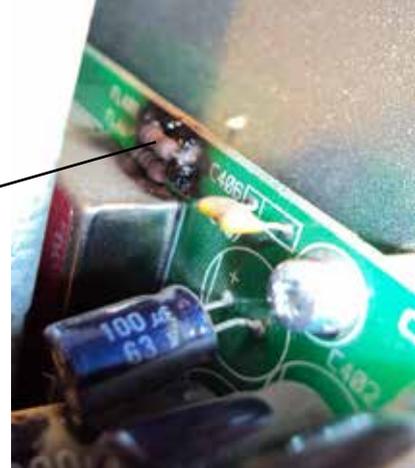
### BURNED RESISTERS ON TERMINAL PCB

Problem: "Lost bottom"

Fault description: FL406 and FL407 are 10 Ohm resistors on "Terminal PCB". (See below pictures)  
They are installed in 48V power to transducer. Some of these resistors have become overheated after a few years of usage.

How to fix: A damaged (short circuit) transducer or heavy load on transducer may be the cause of damage.  
Set "FIX RANGE ON" in "Screen 9". This will inhibit the heavy load of looking for bottom outside the set "range" when vessel is sailing in open sea for days.

If PCB is burned then change complete PCB. Part number PT-G041 (GDS101 colour).  
If PCB is not damaged it should be possible to replace the resistors with locally purchased 10 Ohm 2 Watt resistors.



Example for correct mounting resistor with long leg for better cooling / air circulation