

Level measurement in cylindrical lying oil tanks

The problem:

The producer of fuel oil tanks wanted to provide a level indicator that shows the content of the tank in m³. But most of the level sensors only detect the level in m, which is not linear to the volume of the tank.

Read about the GHM - solution:

In combination with the pressure sensor LS10, installed with a cable from the top, our customer used a TA1010 amplifier. (He also could have chosen the sensor S10, which is screwed in from the bottom of the tank.)

By choosing the integrated curve in the amplifier for the tank form or by programming an own curve, the precise tank content could be indicated.

Two switch outputs were used as overflow prevention and announcement of empty tank.

