## **Ktech** INDUSTRIAL PRODUCTS INC.



INSTALLATION INSTRUCTIONS 277 "MIDGET" MODEL LEVELOMETER (HAND PUMP TYPE)

ULC Listed "level gauge for combustible liquids" ULC/ORD-C180-97, UL 180

- (1) Cut tubing off square (no burrs)
- (2) Slip nut over tubing
- (3) slip sleeve over tubing
- (4) Insert tubing into threaded coupling and tighten nut

## Top of Gauge

Communicating tubing, do not distort, must not be plugged (3/16" O.D. copper tubing)

Compression fitting

Reducing bushing

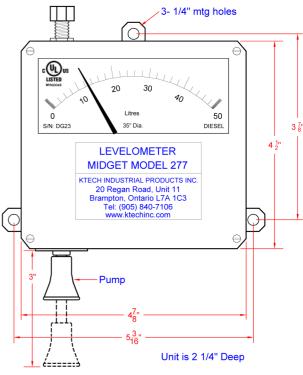
Tank opening is 2" NPT unless specified differently. (3/4" NPT minimum)

Keep tube in the tank straight as possible.

Be sure the bottom of the air chamber touches the bottom of the tank.

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"Do not remove plastic cap, it prevents catalytic reaction"



## INSTALLATION

Straighten out air chamber end and insert straight through tank opening until it touches bottom of the tank. Screw reducing bushing and compression fitting which forms a tight joint between the tubing and the reducing bushing. These fittings are on the tubing in order of attachment. Then run the tubing to the desired gauge location, cut to length and connect tubing to the gauge end. Attach communicating tubing to wall to prevent it from being damaged.

## **WARNING**

Failure to make the following adjustment will result in improper gauge reading.

Be sure the pointer indicates the first mark on the dial before attaching the tube to the gauge head. If it is above or below this mark remove plug from the bottom of the case. Insert screwdriver vertically through the hole and engage it in the slot of the self-locking adjustment screw. If the pointer is below the first mark on the dial, turn screw clockwise, if above, turn screw counterclockwise. Reinsert plug and attach tubing.

To read correct level, pump gauge, take a reading. Pump again, take a reading. Pump and take a reading until two readings are the same. Gauge indicates correct tank volume now.