

Installation and Maintenance Manual For Remote Reading Tank Contents Gauge 28B



Installation

The Instrument is fully assembled, and when installed, is self actuating.

For ease of installation, it is possible to disconnect the system components, the following procedure must be rigidly adhered to.

The transmitter or the indicator can be disconnected from the capillary tube to allow ease of installation. **BUT** Remember! All capillary connections must be made before connecting transmitter to tank.

Fit indicator using 3 holes in mounting flange.

Procedure for Disconnection

If passing capillary through a panel/wall, a 25mm diameter hole is required. After disconnecting the capillary, immediately fit **RED** dust/water-protection caps to both ends of the capillary before installation. (**Use our kit CKP01 supplied with each unit**)

Make capillary run and clip securely to wall/tray.

Remove dust/water-protecting cap from each end of the capillary, make sure the ends are clean and dry, remove 2x Orings and discard.

Make sure that one new Oring is fitted to each connection spigot at either end of the capillary.

Connect capillary to indicator and transmitter and tighten all connections using correct size spanners (**DO NOT OVER TIGHTEN**).

All connections **MUST** be made before finally connecting transmitter to tank.

Trouble Shooting

If transmitter has been connected to tank prior to connecting of capillary proceed as follows:

- Remove transmitter from tank,
- Disconnect capillary,
- Inject 60cl of clean dry air into capillary connection point on transmitter, using syringe or bicycle pump or similar, this is to recentralize the diaphragm,
- Reconnect capillary to transmitter and fit back on to the tank.

Maintenance

Annually

Remove transmitter from tank,

Gauge should return to **ZERO** (lowest reading).

If gauge falls below zero, follow instructions under **Trouble Shooting**.