

Domestic Meter Pulser (DMP)

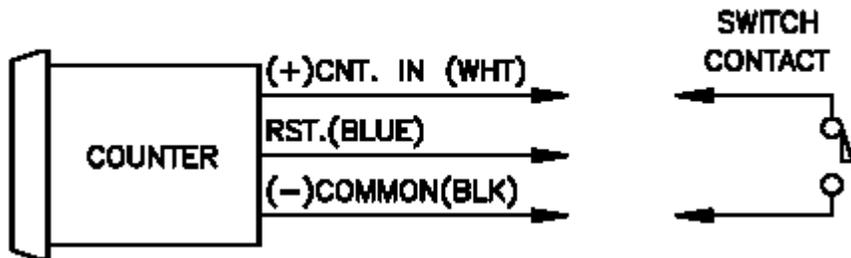
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When mounted on the Itron (Actaris, Schlumberger, Sprague) Metris 250 or 400A the pulser obscures the test dials, but should leave the odometer index clearly visible. See close-up below



The DMP has a drive dog that engages one of the two test dials on the meter index. There are two test dials: one is ½ Cuft per revolution the other is 2 Cuft/revolution. The most common combination is to mount a 2 Pulse per revolution pulser onto the 2 Cuft test dial – this will produce 1 Pulse = 1 cuft.

The wires from the pulser can be connected to a battery powered remote totalizer such as the CUB 3. Some DMP's have 3 wires (only two wires are needed: the common and the normally open – this usually corresponds to white and black) on two wire versions both wires are black. No polarity needs to be respected since the pulsers just reed switch activated. Example of DMP wired to Cub:



The DMP can be factory mounted or field mounted. When mounted in the field the DMP will come as a Kit, pre-mounted on an index box. Simply remove the snap seals from the screw holes on the existing index box (use a sharp screwdriver or similar object to pierce the red seal and pry it out). Remove the screws and remove the plastic index box. Replace the index box with the one that has a DMP on it. Before tightening the screws make sure the drive dog on the DMP engages the appropriate test dial and that it is centered. The kit is designed so that the DMP should be aligned, but there is some play in screw holes that allows for fine adjustment. Seal one screw with a Red Snap Seal if tamper proof installation is required.

The unit should be marked with a sticker that says the meter type, type pulser, dial where it will be mounted and type of index (DIAL type or ODOMETER type)

DMP Stickers:

DMP Metris 2P/R-2ft-DIAL

DMP Metris 2P/R-2ft-ODOM

DMP 400A 2P/R-2ft-DIAL

DMP 400A 2P/R-2ft-ODOM