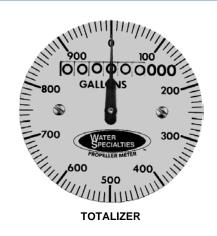


MODEL TR01-1-150

TOTALIZER - TRANSMITTER 150 CONTACTS PER MINUTE TRANSMITTER 2 - WIRE CIRCUIT





DESCRIPTION

MODEL TR01-1-150 TOTALIZER-TRANSMITTERS provide a totalization of flow volume and a pulse rate output signal proportional to the rate of flow when mounted on our meters. The unit features a magnetically driven totalizer.

INSTALLATION is normally made at the factory when the meter is assembled, but installation may be made in the field by removing the standard totalizer assembly, and attaching the totalizer-transmitter to the meter head. The unit is furnished complete with drive clevis, all screws and o-rings necessary for installation.

CONSTRUCTION of the totalizer-transmitter features a o-ring sealed housing conforming to NEMA 4X standards.

TOTALIZER is o-ring sealed and magnetically coupled with the driving mechanism, and features a six digit totalizer with a full 3" diameter, 100 division, center sweep dial that permits extremely accurate readings for timing purposes in determining flow rates. The totalizer dial can be furnished in gallons, cubic feet, acre feet, or any standard liquid measuring units. The bonnet, with padlock hasp, can be positioned in four different directions for the easiest possible reading when the meters are mounted in unusual positions.

TRANSMITTER utilizes a durable magnetically actuated reed switch. The pulse rate output is 150 contacts per minute at the maximum flow range of the instrument that the transmitter is controlling. A two-lead shielded cable, four feet long, is furnished with each transmitter.

O-RING SEALS are used at all points where seals are required, making the totalizer-transmitter mechanism completely immune to any of the corrosive effects of atmospheric moisture or the liquids measured by the meter assembly.

SPECIFICATIONS

ACCURACY Pulse output: plus or minus 2.0% within the

range specified for each meter size.

TEMPERATURE 140° F Maximum. Consult factory for spe-RANGE cial construction for higher temperatures.

FLOW RANGE acceptable for each indicator-totalizertransmitter unit is the same as that meter to

which the unit mounts.

OUTPUT SIGNAL Pulse rate: 150 contacts per minute at

maximum scale range.

CONTACT RATING 1 amp, 110 volts AC maximum resistive

3 amps, 28 volts DC maximum resistive

MATERIALS used in construction are chosen for their

> durability and immunity to the corrosive effects of atmospheric moisture and the liquids measured by the meter assembly.

SHIPPING WEIGHT 4 pounds

> OPTIONAL A non-reversing ratchet (consult factory for

EQUIPMENT special application).

ORDERING INFO Must be specified by the customer and

includes:

Serial number of meter unit is to be mounted, Maximum scale range required for pulse

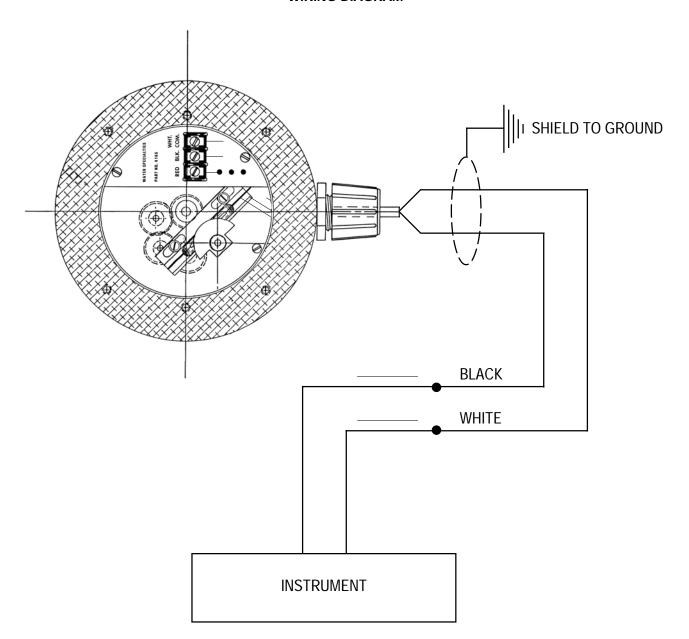
Change gears and type of dial on indicator

that is going to be replaced.

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2 - WIRE CIRCUIT

WIRING DIAGRAM



E-Mail: info@mccrometer.com