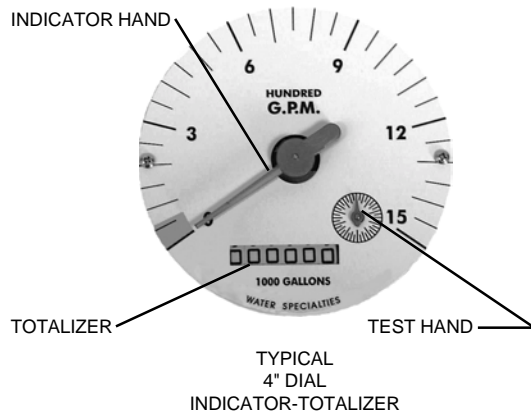




**MODEL TR06-1-30**  
 INDICATOR - TOTALIZER - TRANSMITTER  
 30 CONTACTS PER MINUTE TRANSMITTER  
 3 - WIRE CIRCUIT



#### DESCRIPTION

**MODEL TR06-1-30 INDICATOR-TOTALIZER-TRANSMITTERS** provide an instantaneous flow rate indication, a totalization of flow volume and a pulse rate output signal proportional to the rate of flow when mounted on our propeller meters. (Also available with adapters for other manufacturers meters.) The unit features a mechanical driven indicator-totalizer.

**INSTALLATION** is normally made at the factory when the meter is assembled, but installation may be made in the field by removing the indicator-totalizer assembly, and attaching the indicator-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 indicator-totalizer-transmitter features an o-ring sealed housing conforming to NEMA 4X standards.

**INDICATOR-TOTALIZER** is mechanically driven by the meter mechanism and features a full 4" diameter, 250 degree sweep dial with a six digit, straight reading type totalizer and sweep test hand. The indicator drive mechanism is temperature compensated so the indicator will be accurate at all points on the dial when operated between 32° and 140° F. The indicator dial can be furnished in GPM, CFS, MGD or any standard liquid measuring units with choice of standard totalizer measuring units. The bonnet, with padlock hasp, is o-ring sealed to the meter head.

**TRANSMITTER** utilizes a durable magnetically actuated reed switch. The pulse rate output is 30 alternating contacts (50% ON - 50% OFF) per minute at the maximum flow range of the instrument that the transmitter is controlling. A three-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 indicator-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 RANGE** 140° F Maximum. Consult factory for special construction for higher temperatures.

**FLOW RANGE** acceptable for each indicator-totalizer-transmitter unit is the same as that meter to which the unit mounts.

**OUTPUT SIGNAL** Pulse rate: 30 alternating contacts per minute at maximum scale range. 50% ON - 50% OFF

**CONTACT RATING** 1 amp, 110 volts AC maximum resistive, non-shorting  
 3 amps, 28 volts DC maximum resistive, non-shorting

**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 EQUIPMENT** A non-reversing ratchet, and adapters for other manufacturers meters (consult factory for 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 output.  
 Change gears and type of dial on indicator that is going to be replaced,  
 If transmitter is for other manufacturers meter ordering information must include:  
 Meter size, model, change gears, indicator dial and ratio to be assured of proper output.

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**WIRING DIAGRAM**

