

## **MODEL MLI1XD**

150 psi REPLACEMENT METER HEAD ASSEMBLY SOLID STATE ELECTRONIC PROPELLER METER DIGITAL INDICATOR-TOTALIZER SIZES 6" thru 72"

## **SPECIFICATIONS**

with a six digit digital sealed totalizer reading in units of within a range of to GPM or an app	ving a range of 0 to and shall be equipped and shall be accurate within ± 2% of true flow
as follows:  METER HEAD size and bolt pattern shall match the old meter existing meter tube or saddle. If old meter head is attact shall be the same. The meter head shall be blasted to new approved, fusion epoxy resin, applied by the fluidized bed ing flange shall be bolted to the existing saddle so a small. The reducing flange must have tapped holes, sealed on be not allow water to come through the tapped holes. The and coated with 12 mils minimum of NSF approved, fusion GEARBOX shall be bronze. The electronic sensor housed in the ler magnet and be isolated from the water flow by means water entering the meter assembly, and eliminates all move be accepted.	hed with a victaulic coupling then the new meter head ar white metal and coated with 12 mils minimum of NSF method. On 30" through 72" meters an adapter reducter size meter head can be bolted to the reducing flange, ottom side so the meter head can be bolted in place and adapter flange shall also be blasted to near white metal in epoxy resin, applied by the fluidized bed method. The gearbox shall be magnetically driven from the propelof an o-ring sealed housing. This completely eliminates
PROPELLER shall utilize a water lubricated ceramic sleeve a spindle on which the propeller is mounted shall be paralle ramic thrust bearings shall be standard on all meters to he The propeller shall be a conical shaped, three bladed properto normal water corrosion and deformity due to high flow straightening vanes.	el to the direction of the water flow in the pipe. Dual cenandle flows in both the forward and reverse directions. eller, injection molded of thermoplastic material, resistant
DIGITAL INDICATOR-TOTALIZER shall be electronically drive the rotation of the propeller. The unit shall have a non-volume change or failure. The unit shall be equipped with a 3.6 life will be 6 to 10 years. The indicator-totalizer shall confind indicator shall have 0.42" high numbers and a range of 0 to digit totalizer with 0.27" high numbers reading in units of within ±0.25%, of reading, at all points on the scale when resettable from the panel or disabled permanently. The uninstalled in an O-ring sealed bonnet with padlock hasp. A totalizer-transmitter at remote locations up to 100 feet aw	atile memory so total flow will not be lost during battery VDC lithium battery which is replaceable. The battery tinue to function during battery changing. The five digit to (specify indicator range and units) and eight (specify totalizer units) and is accurate and linear operated between -4° and 158° F. The totalizer shall be nit shall be encapsulated to protect it from moisture, and dapters shall be available to locate the digital indicator-
PARTS & SERVICE: Supplier must have test facilities, spare pare necessary to assure meters will be maintained throughout VOLUMETRIC TESTING of all meters must be performed and assembly will be accuracy tested. The testing will be conducted volume. The amount of water used to conduct the test shall lattached to the meter showing the totalizer reading after testing curacy of +-0.25% and be traceable to the National Institute of witnessed by the customer or their selected agent. Certified and tested in the U.S.A. and shall be of a design in production	rts, personnel to maintain, instruct, train or whatever is at the guarantee period. Sproved prior to shipment. The completed meter head d in accordance to AWWA testing procedure, rates, and be left on the totalizer. Prior to shipping, a tag shall be the ng. The test facility must be certified annually to an acf Standards and Technology. If desired, the test can be occuracy test records will be furnished at no charge. It is incorrect. The meters shall be manufactured