



Position Indicator Installation Instructions

1. Install the extension stem making sure that the coupling is correctly positioned over the operating nut on the valve or operator input shaft.
2. Slip the white Delrin pickup gear #9 over the extension stem. The number of turns from open to close should be stamped on the face of the indicator. Using the chart below, establish the gear depth setting dimension.
3. Measure from the Position Indicator seat on the valve box down the extension stem to the appropriate setting dimension. Slide the pickup gear down the extension stem until the top of the gear is at the appropriate dimension.
4. Before installing the Position Indicator, make sure that the Indicator and the valve are both in the same position, either open or closed.
5. Slip the Indicator over the extension stem (window side up) and push down until the Indicator is on the valve box seat. It may be necessary to rotate the Indicator slightly to insure that the gears mesh properly.
6. Using a .188 diameter drill bit, drill at least one 1 ¼" deep hole using one or more of the .188 holes in the face of the Indicator as a guide.
7. Install a .188x1" long roll pin (not supplied) in the hole. The pin prevents the Indicator from rotating around the extension stem.
8. Install AWWA nut if applicable.
9. Install Valve Box Adapter provided with the Indicator. (Note: For GPI's set in concrete-Once the Valve Box Adapter has been set in concrete the Position Indicator cannot be removed.)

	Turns	Depth Dim (In./mm)
Dimension from the valve box cover seat to the top of the Delrin pickup gear.	1-19	.75 [19.1]
	20-38	.75 [19.1]
	39-58	.75 [19.1]
	59-98	1.16 [29.5]
	99-148	1.33 [33.8]
	149-198	1.16 [29.5]
	199-298	1.33 [33.8]
	299-398	1.16 [29.5]
	399-498	1.63 [41.4]
	499-598	1.33 [33.8]
	599-938	1.63 [41.4]