

NMI14/3/54 BIL WPD

The BIL WPD is a self-contained meter for the measurement of water flow in a full pipe.

The following Department of Regional Development, Manufacturing and Water requirements do not replace Zenner WPD - Installation Manual or the National Measurement Institute Certificate of Approval NMI 14/3/54. The certificate and product specification are essential for the successful operation and maintenance of this device and must always be used.

However, for use of this meter under this module of the standard the following requirements must be met, as a minimum, and have been formulated from recommendations/advice in manufacturer literature and where required with input from the manufacturer.

Requirements to be confirmed by validation type	
Post-installation (new or replacement meter)	Section 1.0
Ongoing (revalidation) or Faulty meter (maintenance)	Section 1.0

1.0 Installation

- The pipework must be of a design that the meter is protected against pressure surges.
- To prevent damage to the measuring insert caused by pressure surges, the pipe must be filled slowly.
- Correctly sized air release valve(s) must be installed prior to the upstream length of pipe for the meter, where the meter is not filled with water under no-flow conditions.
- The meter must be protected by a suitable strainer, dirt box or filter, so that no foreign particles, such as stone or sand, are flushed into the measuring instrument and cause damage.