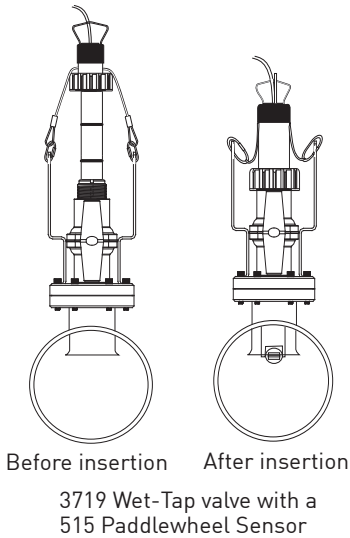


Installation of Flow Sensors: Wet-Tap and Hot-Tap

VI. Wet-Tap and Hot-Tap Installation

3519 Wet-Tap Valve



- The 3519 Wet-Tap consists of a flange and support plate that threads onto the pipe fitting insert, and a PVC ball valve through which an extended length, wet-tap style sensor is inserted into the pipe.
- No special tools are required to install the 3519.
- The Signet 3519 Wet-Tap Valve mounts directly onto standard Signet installation fittings for the 515 and 2536 flow sensors. The wet-tap sensors are identified in their part number as -P3, -P4 and -P5, depending on the pipe size.
- The 3519 Wet-Tap valve can only be installed in an empty pipe. Once installed, the sensor can be removed and re-inserted while the process is active.
- Pressure must be reduced prior to insertion and removal of sensor (please see individual product page for more information).

2540 and 2552 Hot-Tap

- The Signet 2540 and 2552 Metal High performance flow sensors accommodate hot-tap installations. One sensor can be installed in various pipe sizes.
- The valve for Hot-Tap sensors can be installed while the pipe is full if a hot-tap drill is used.
- To install a Hot-tap sensor, you will need a hot-tap drilling machine, a metal ball or gate valve, a metal pipe nipple with 1½ inch threads and the Signet Hot-Tap installation tool (2540 only). Consult with your piping supplier for information regarding drills.
- The necessary metal valve and pipe nipple are not available from Signet. You can purchase these standard hardware items from a local supplier.
- Hot-Tap sensors can be installed and removed without process shutdown.
- Care must be taken while removing sensor under process conditions.
- The installation tool serves to hold the sensor against the line pressure as it is retracted or inserted into the pipe (2540 only).
- The Hot-Tap installation fitting has a bleed valve to relieve the pressure when retracting the sensor (2540 only).

