

Badger® Model 226	Flow Sensor	Sample Specifications
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The flow sensor shall be an insertion type with a non-magnetic, spinning impeller (paddle wheel) as the only moving part. The sensor sleeve will be brass (or 316 stainless steel) with the sensor housing being glass-filled PPS. The impeller shall be glass-filled nylon or Tefzel® with a UHMWPE or Tefzel sleeve bearing. The shaft material shall be tungsten carbide. The flow sensor shall be supplied with a 2" full bore ball valve in brass (or 316 stainless steel) and a 2" threaded pipe nipple. A bleed valve and three ethylene-polypropylene O-Rings shall be incorporated into the mounting adapter portion of the sensor. A removable installation tool shall be attachable to the sensor for insertion or removal of the flow sensor from the pipe. Insertion of the sensor into any pipe size shall be a fixed 1 ½" depth from the inside wall to the end of the sensor housing. The sensor shall operate in line pressures up to 400 psi and liquid temperatures up to 220° F, and operate in flows of 1 foot per second to 30 feet per second in pipe of 3" diameter up to 40" diameter with linearity of ± 1%. This sensor shall be Badger Model 226. The detachable installation tool shall be Model HTT.

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