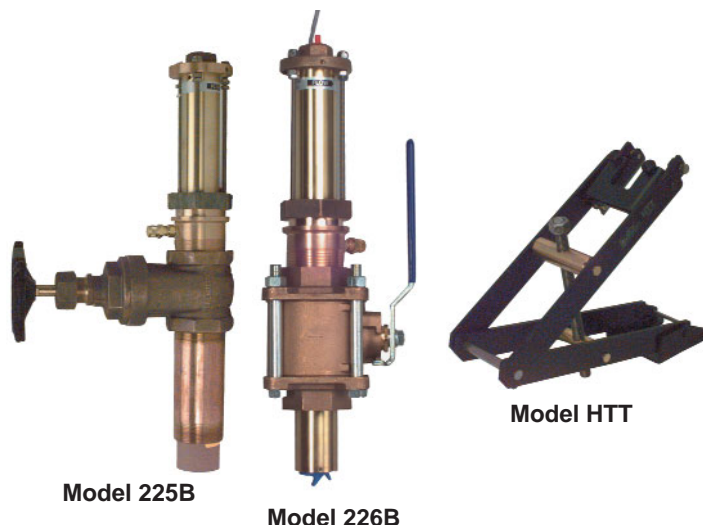


HOT TAP FLOW SENSOR MODELS 225B, 226B, 226SS

DESCRIPTION

These **Hot Tap Flow Sensors** feature an elongated sensor, special mounting adapter, pipe nipple, and isolation valve to allow the nonmagnetic impeller sensor to be installed into a pressurized pipe while the pipe is in service. This is accomplished by first attaching a 2" saddle or Thredolet® onto the pipe and screwing the nipple and isolation valve into the saddle or Thredolet fitting. A hole is then drilled through the pipe using a commercial tapping machine. When complete, the tapping apparatus is removed, the isolation valve is closed, and the sensor is installed.

The **Hot Tap Flow Sensor** is also recommended for any application where it would be difficult to shut down or drain the pipeline to remove the sensor for service. The overall length of the sensor tube is 18" (46 cm); however, a clearance height of 36" (91 cm) should be allowed for the fully extended length of the insertion tool.



SPECIFICATIONS

Accuracy ±1% FS Linearity ±0.7% FS Repeatability ±0.7% FS Rangeability 60:1 Flow rate 0.5-30 fps Max pressure 226B 400 psig (2758 kPa) @ 100°F (37.8°C) 225B 300 psig (2069 kPa) @ 100°F (37.8°C) Max temp 221°F (105°C) Weight 225B 17.5 lb (7.9 kg) 226B 13.0 lb (5.9 kg) HTT 12.0 lb (5.4 kg)	Wetted materials Impeller Glass-reinforced nylon Bearing Pennlon® (UHMWPE) Shaft Tungsten carbide Housing Glass-reinforced PPS O-rings Ethylene propylene (EPDM) Sleeves 225B/226B Admiralty brass UNS C44300 226SS 300 series stainless steel and hex adapter
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ORDERING INFORMATION

MODEL	DESCRIPTION
225B	Brass hot tap flow sensor with gate-type isolation valve
226B	Brass hot tap flow sensor with ball-type isolation valve
226SS	Stainless steel hot tap flow sensor with ball-type isolation valve
ACCESSORIES	
813144-1211	Replacement sensor for 225B, 226B
HTT	Insertion tool
230FRK	Repair kit for 225, 226 Series (includes impeller, shaft, bearing, and O-ring)
8132030	Ball valve, 2"
71873	Gate valve, 2"
2X2.5-3THD	2" Thredolet® for 2-1/2" and 3" pipes
2X4-6THD	2" Thredolet® for 4" to 6" pipes
2X8-36THD	2" Thredolet® for 8" to 36" pipes

RELATED PRODUCTS

UFT-1A	Flow transmitter
310	Programmable flow transmitter