



Immersion sensor 40-14 Lab, L243, HC2000, no electronics

Item no. 21010140

The sensor includes the measurement of sonic velocity and temperature. The wetted parts are made of Hastelloy C-2000.

The robust and completely enclosed design requires no gaskets or „windows“ to the process and is thus completely maintenance-free.

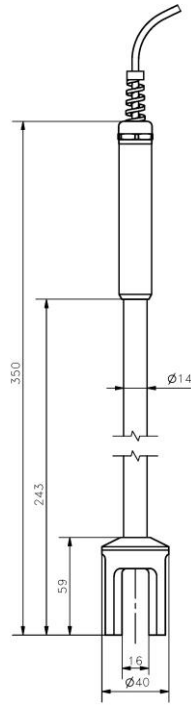
Various additional features integrated in the sensor, like flow/stop monitoring and full/empty liquid monitoring in pipes, significantly increase the customer's benefit.

The LiquiSonic® high-power technology guarantees stable measuring results even at proportion of gas bubbles and signal attenuation by the process liquid.

Specifications

Sensor	
immersion length	243 mm (9.6")
material	Hastelloy C-2000 alloy DIN 2.4675
process temperature	-20 °C to 120 °C (-5 °F to 250 °F)
electronics	without electronics
options	SonicGraph® (oscilloscope) attenuation measurement

Measuring values	
sonic velocity	measuring range: 1000 m/s to 3000 m/s resolution: 0.01 m/s repeatability: ±0.02 m/s accuracy: ±0.05 m/s configurable update rate: 250 ms to 1000 ms
temperature	measuring range: -20 °C to 120 °C resolution: 1 mK repeatability: ±0.02 K accuracy: ±0.05 K configurable update rate: 250 ms to 1000 ms
attenuation (optional)	measuring range: 80 dB resolution: 0.1 dB repeatability: ±0.2 dB accuracy: ±0.3 dB configurable update rate: 250 ms to 1000 ms



SensoTech GmbH
Steinfeldstraße 1
39179 Magdeburg-Barleben
Deutschland
+49 39203 514 100
info@sensotech.com
www.sensotech.com

SensoTech Inc.
69 Montgomery Street, Unit 13218
Jersey City, NJ 07303
USA
+1 973 832 4575
sales-usa@sensotech.com
www.sensotech.com

SensoTech (Shanghai) Co., Ltd.
Room 609, Bldg.1, No.778, Jingji Road.
Pilot Free Trade Zone, 201206 Shanghai
China
+86 21 6485 5861
sales-china@sensotech.com
www.sensotechchina.com