Relative Humidity	100% relative, condensing, non-submerged

Physical

Size (Hex x Height)	17.5 mm x 45.7 mm (11/16 in x 1.8 in)
Weight	58 g (2.0 oz), typical
Mounting Thread	3/8-24 female
Mounting Torque	2.7 to 6.8 N•m (2 to 5 ft•lbf)
Sensing Element	Ceramic
Sensing Geometry	Shear
Housing and connector material	
200150	316L stainless steel
200155	316L stainless steel
200157	316L stainless steel

Electrical Connector (Top)	5-pin 1/2-20

Cables

Operating Temperature Range	-20°C to +100°C (-4°F to +212°F) These cables may be used at lower temperatures if the installation prevents the cable from flexing or bending. Flexing these cables at temperatures below –20°C (-4°F) may damage the cables.
Construction	4-conductor, 22 AWG with braided shield and drain wire (85% coverage, minimum), PVC outer jacket. Nickel-plated coupling nuts.
Seal	Connectors provide an IP67 seal to transducers and mating hardware. Connectors are molded to the cable. The addition of DC4 electrical insulating compound in the connectors provides additional protection against moisture during a thermal shock.
Minimum Bend Radius	
200151	63.5 mm (2.5 in)
200152	73.7 mm (2.9 in)
Maximum Cable Length	25 m (82 ft) Custom products may be able to provide longer cable lengths for the 200150 and 200157 accelerometers.

Adhesive (see Mounting Hardware Options)

Temperature Range	-55°C to +121°C (-67°F to +250°F)
Cure Time	24 hours

Adhesive studs (Options **0 1** and **2 0**) are sold in kits containing frames to hold the studs to the substrate while the adhesive cures. The kit also contains provides a scouring pad and alcohol wipe to prepare the mounting surface and a packet of acrylic adhesive and materials to mix the two components.

Using adhesives and magnetic mounts attenuates high frequency signals that may be present.

200151-AA-BB-CC

Accelerometer Interface Standard Cable, Connectors on Both Ends

A: Cable Length	
20	2.0 meters
40	4.0 meters
60	6.0 meters
B: Armor Option	
02	Blue cable without armor
03	Blue cable with armor
C: Coupling Nut	
00	Standard coupling nut (see Figure 9)
02	Nylon coupling nut
10	Enhanced coupling nut. This option provides a better grip for tightening the cable to the accelerometer and is provided on both ends of the cable (see Figure 11).

200152-AA-BB

Accelerometer Interface Standard Cable, Connector on Accelerometer End Only

A: Cable Length	
04	4.0 meters
15	15 meters
25	25 meters
B: Coupling Nut	
00	Standard coupling nut (see Figure 10)
10	Enhanced coupling nut. This option provides a better grip for tightening the cable to the accelerometer and is provided on the accelerometer end only (see Figure 12).