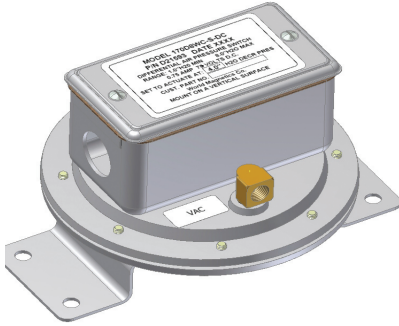




Models 170D / 171D

Dietz Ultra-Low Differential Pressure Switches



- Rugged construction for precise operation in extreme environments
- Senses pressure, vacuum, or differential pressure
- Shock and vibration resistant - MIL-STD-167-1 and MIL-STD-901-D
- Chemical resistant epoxy finish

Specifications *Listed by U.L. under the component program C.S.A. and F.M.

Construction:

Zinc die cast, steel, and aluminum stampings.

For military use, aluminum parts can be anodized in accordance with Military Specification MIL-A_8625, Class 2, Type 1

Snap switch bodies are of a non-nutrient plastic material

Diaphragm:

0.008" Buna (Nitrile) coated nylon for temps of -30° F to 160° F
Silicone coated cloth can be used for greater temperature extremes

Dimensions: Refer to drawing

Electrical: SPDT snap switch

Weight: Maximum 2 lb. 14 oz.

AC Switches - Operating Ranges

Model	Operating Range	Approximate Deadband	125V, 250V, 480V 60 Cycle AC 1/8 HP, 125V AC 1/4 HP, 250V AC
170D8W-S	1.0" to 8.0" H ₂ O	0.2" H ₂ O 0.4" H ₂ O	10 Amp VAC
170D8W	1.2" to 8.0" H ₂ O	0.3" H ₂ O 0.5" H ₂ O	15 Amp VAC
170D20W	2.0" to 20.0" H ₂ O	0.3" H ₂ O 0.5" H ₂ O	15 Amp VAC
170D40W	2.0" to 40.0" H ₂ O	0.3" H ₂ O 0.5" H ₂ O	15 Amp VAC

DC Switches - Operating Ranges

Model	Operating Range	Approximate Deadband	Restrictive Load 0.5A-125V DC, 0.25A-250V DC
170D8W-S-DC	1.0" to 8.0" H ₂ O	0.4" H ₂ O 0.6" H ₂ O	10 Amp VAC, VDC - see above
170D8W-DC	2.0" to 8.0" H ₂ O	0.8" H ₂ O 1.0" H ₂ O	15 Amp VAC, VDC - see above
170D20W-DC	2.0" to 20.0" H ₂ O	0.8" H ₂ O 1.0" H ₂ O	15 Amp VAC, VDC - see above
170D40W-DC	2.0" to 40.0" H ₂ O	0.8" H ₂ O 1.0" H ₂ O	15 Amp VAC, VDC - see above
171D8WC-S	0.05" to 8.0" H ₂ O	0.03" H ₂ O 0.3" H ₂ O	10 Amp VAC, VDC - see above
171D8WC	0.15" to 8.0" H ₂ O	0.05" H ₂ O 0.3" H ₂ O	15 Amp VAC, VDC - see above
171D8-DC	0.05" to 8.0" H ₂ O	0.03" H ₂ O 0.3" H ₂ O	0.75 Amp, 75 VDC - see above

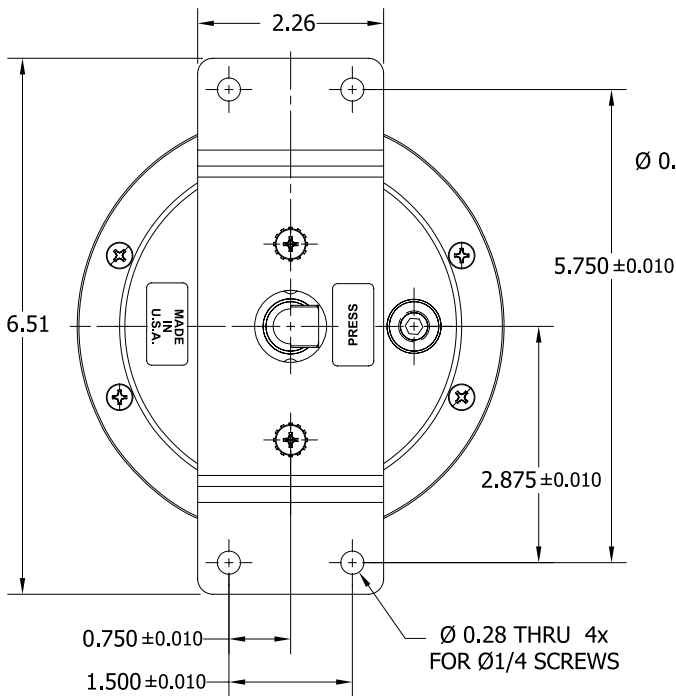
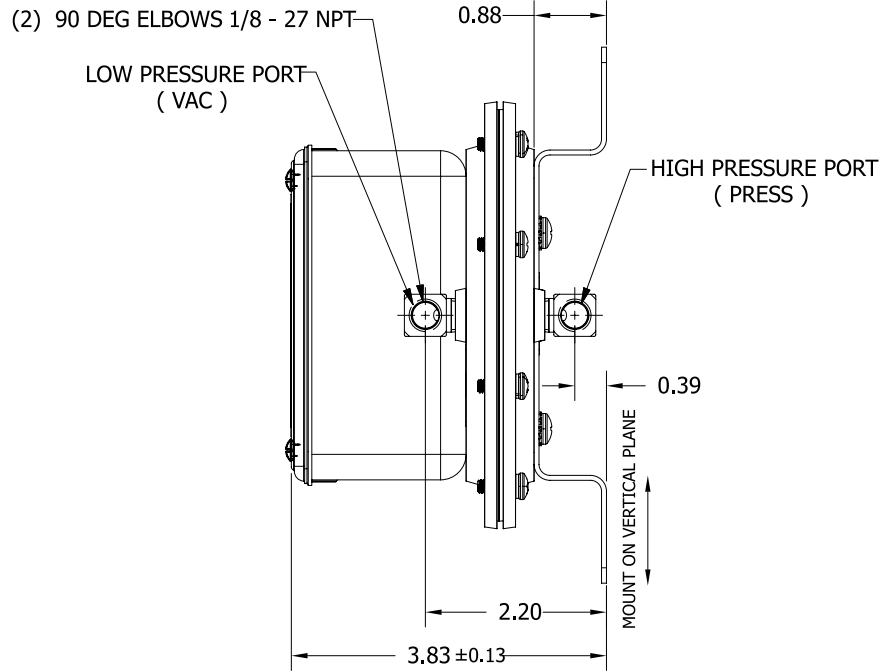
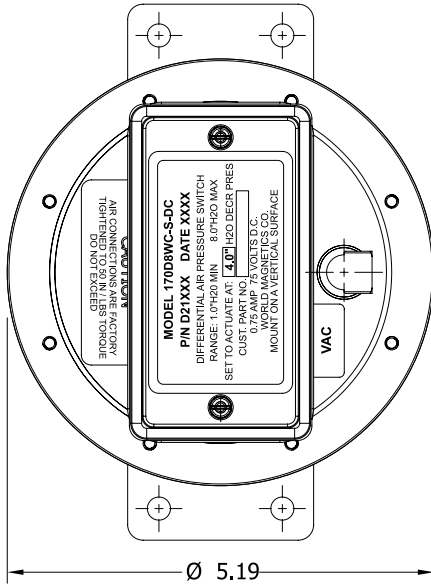


The Henry G. Dietz Co., Inc

est. 1947

Models 170D / 171D

Dietz Ultra-Low Differential Pressure Switches



$\varnothing 0.88$ FOR 1/2" CONDUIT

