



L176

Key Features

- Ideal for shallow tanks
- Broad media compatibility
- Selectable to Normally-Open or Normally-Closed by inverting the float
- 50 VA SPST switch (standard)



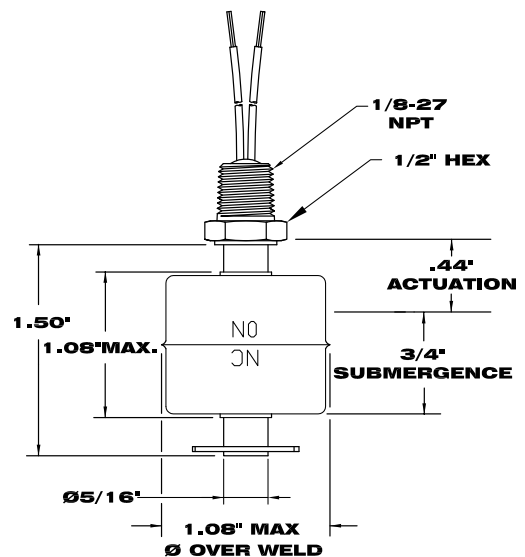
Description

The L170 Series compact level switches feature a Buna-N, Teflon[®] or Stainless steel float for higher heat and pressure capabilities. Designed for low cost, high volume use, these small size vertical switches are excellent for shallow and restricted tank spaces and are suitable for most harsh and corrosive environments. The +300° F rated stainless steel model complies with FDA food contact regulations and is an ideal choice for food and beverage equipment. Special high temperature versions are available up to +500° F.

The larger size L175 stainless float will operate in fluids with specific gravities as low as 0.70 while the reinforced float of the L177 will withstand pressures up to 600psig.

Principle of Operation

A hermetically sealed reed switch is actuated by a magnet inside the float. As the float rises and falls, the magnetic field passing the switch within the stem causes the switch to either open or close.



Specifications						
Series	Mounting	Stem/Float Materials	SG	Temperature	Pressure	P/N
L170	1/8" NPT	Brass/Buna	.80	-40° to +180° F	150 psig	L170-0101-2003
L170	1/8" NPT	SS/Buna	.80	-40° to +180° F	150 psig	L170-0108-2003
L175	1/8" NPT	Brass/SS	.70	-40° to +300° F	150 psig	L175-0101-0803
L175	1/8" NPT	SS/SS	.70	-40° to +300° F	150 psig	L175-0108-0803
L176	1/8" NPT	Brass/SS	.90	-40° to +300° F	300 psig	L176-0101-0803
L176	1/8" NPT	SS/SS	.90	-40° to +300° F	300 psig	L176-0108-0803
L177	1/8" NPT	Brass/SS	.90	-40° to +300° F	600 psig	L177-0101-0803
L177	1/8" NPT	SS/SS	.90	-40° to +300° F	600 psig	L177-0108-0803
L178	1/8" NPT	Brass/SS	.85	-40° to +300° F	275 psig	L178-0101-0803
L178	1/8" NPT	SS/SS	.85	-40° to +300° F	275 psig	L178-0108-0803

SG refers to recommended minimum liquid specific gravity

Teflon is a registered trademark of DuPont.

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