

Small Size - Alloys

LS-7 Series - Compact Alloy and Alloy/Plastics Side Mounts

Built for durability, our LS-7 Series switches utilize stainless steel, or zinc bodies. Ideal for any small tank or vessel destined for a rugged environment. All-stainless steel material of construction of Types 9 and 11 is generally recognized as safe with FDA for food contact regulations.

Type 6 - External Mounting



Zinc alloy body with polypropylene or nylon float. SAE Mounting.

Type 8 - External Mounting



Zinc alloy body with nylon or polypropylene float.

Type 9 - External Mounting



316 Stainless Steel body with 316 SS, nylon or polypropylene float.

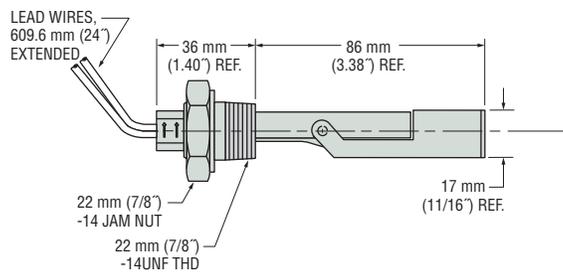
Type 11 - Internal Mounting



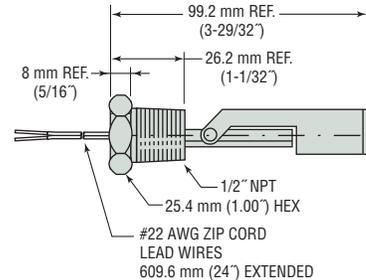
316 Stainless Steel body with 316 SS float.

Dimensions

Type 6



Type 8



Common Specifications

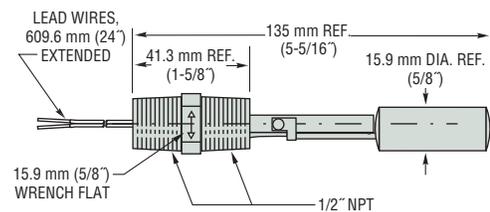
Switch Rating*: SPST, 20VA

Lead Wire Gauge: No. 22 AWG

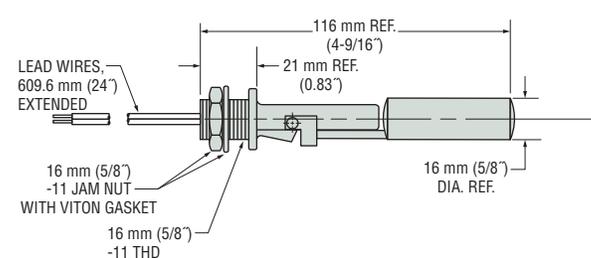
Mounting Attitude: Horizontal.

*See "Electrical Data" on Page X-5 for more information.

Type 9

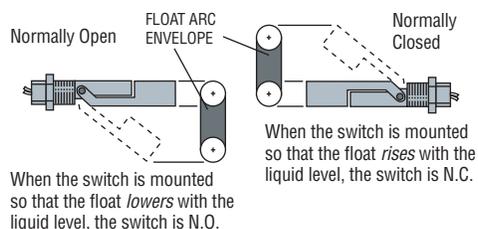


Type 11



Switch Operation

Depending on the mounting position, the float on these switches can either rise or lower with the liquid level. By rotating the switch 180°, the switch operation can be Normally Open or Normally Closed.



How To Order – Select Part Number based on specifications required.

| Mounting Type | Materials | | | Min. Liquid Sp. Gr. | Operating Temperature | Operating Pressure, Max. | Float Arc Envelope | Part Number |
|---------------|---------------------|---------------|------------------|---------------------|-----------------------------------|----------------------------------|--------------------|-----------------|
| | Stem and Mounting | Float | Lead Wire Jacket | | | | | |
| 6 | Zinc Alloy* | Nylon | TFE† | .65 | -40°C to +121°C (-40°F to +250°F) | 6.9 bar (100 psi) @ 21°C (70°F) | 1.36 | 155660 |
| | | Polypropylene | | .75 | -40°C to +107°C (-40°F to +225°F) | 10.3 bar (150 psi) @ 21°C (70°F) | | 179870 |
| 8 | Zinc Alloy* | Nylon | TFE† | .65 | -40°C to +121°C (-40°F to +250°F) | 6.9 bar (100 psi) @ 21°C (70°F) | 1.40 | 160950 |
| | | Polypropylene | | .55 | -40°C to +107°C (-40°F to +225°F) | 10.3 bar (150 psi) @ 21°C (70°F) | | 162795 |
| 9 | 316 Stainless Steel | 316 S.S. | TFE† | .80 | -40°C to +149°C (-40°F to +300°F) | 20.7 bar (300 psi) @ 21°C (70°F) | 1.43 | 164870 ⚡ |
| | | Nylon | | .65 | -40°C to +121°C (-40°F to +250°F) | 6.9 bar (100 psi) @ 21°C (70°F) | | 164850 |
| | | Polypropylene | | .55 | -40°C to +107°C (-40°F to +225°F) | 6.9 bar (100 psi) @ 21°C (70°F) | | 164860 |
| 11 | 316 Stainless Steel | | Teflon® | .80 | -40°C to +149°C (-40°F to +300°F) | 20.7 bar (300 psi) @ 21°C (70°F) | 1.65 | 179445 |

†Thermoplastic Elastomer Zip Cord.

⚡ – Stock Items.

***Zinc Alloy Material Note:**

When mounted in certain cathodic metals, including stainless steel, and used in water-based liquids, galvanic corrosion may occur. Consult factory for information.