

Refrigerant Float Switch

Data Sheet

Type: LLSS



Purpose:

The LLSS Float Switch is designed for monitoring and managing refrigerant levels in flooded surge drums, flooded shell and tube chillers, high and low pressure receivers, intercoolers, transfer vessels and various types of accumulators. The unique design of the new and improved LLSS Float Switch allows it to withstand corrosive environments associated with many industrial refrigeration conditions.



Contact Information:

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Product Features:

- Suitable for ammonia R-507, R-134a and other common refrigerants
- 304L stainless steel float chamber assembly
- UV resistant and transparent switch housing
- Magnetically actuated switch (single pole double throw)
- Hermetically sealed switch
- Complete assembly weighs 3.08 kg (6.8 lbs)
- Switch assemblies are compatible with Refrigerating Specialties liquid level models LL, LLS, and LLA
- Complies with Pressure Equipment Directive (PED) 2014/68/EU
- UL listed switch assembly available

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Technical Data

- Liquid Temperature:
-75°C to 65°C (-100°F to 150°F)
- Ambient Temperature:
-45°C to 50°C (-50°F to 120°F)
- Maximum Rated Pressure (MRP):
31 bar (450 psig)
- Specific Gravity Range:
0.57 to 1.7
- Power Supply:
 - 120 VAC, 10 Amps
 - 240 VAC, 10 Amps
 - 125 VDC, 1/2 Amps
- Switch:
Single pole double throw
- Connections:
 - Float Chamber Fittings
3/4" -14 FPT or 1" BW
 - Leaded/DIN Switch
1/2" NPT
- Leaded Switch Lead Length:
610 mm (24")
- Material:
 - Float Chamber Assembly
304L S.S.
 - Switch Assembly
Molded, UV Resistant Plastic
 - Switch Cover, Aluminum (Optional)
- Certifications:
 - Tank Assembly
CE0035, PED
 - Leaded Switch Assembly
No Certificate
 - DIN Switch Assembly
CE0035, IP65
- Part Numbers:
 - **112617** Float Switch (QD)
 - **112618** Float Switch (Leaded)
 - **110257** Float Switch (UL Listed)
 - **210220** Replacement QD Switch
 - **210221** Replacement Leaded Switch
 - **209187** Replacement UL Listed Switch

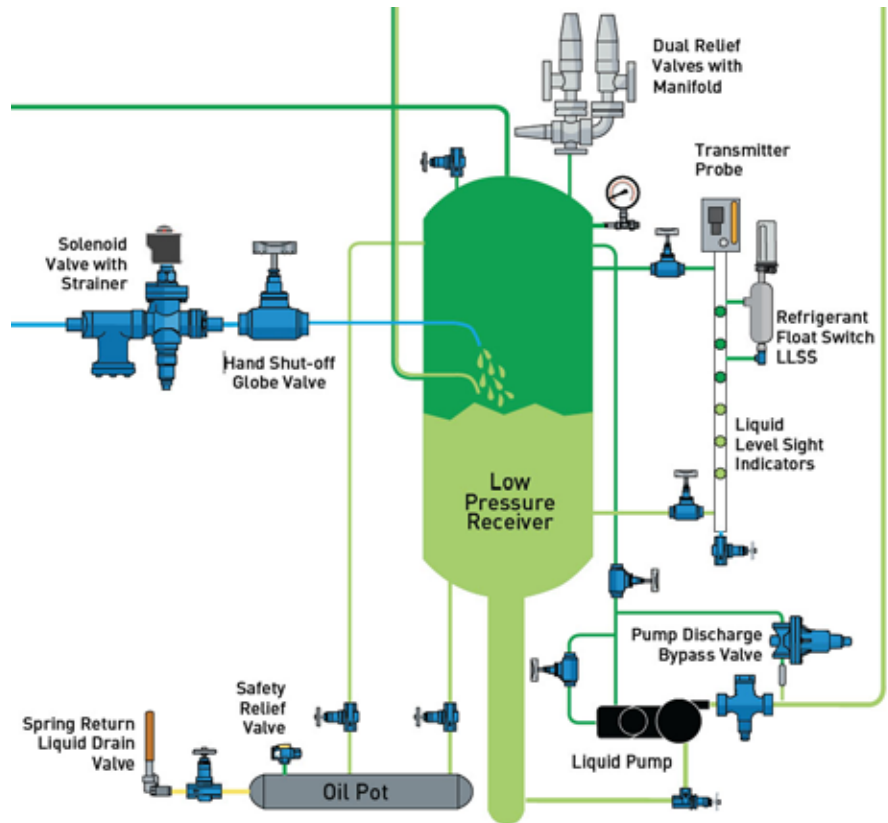
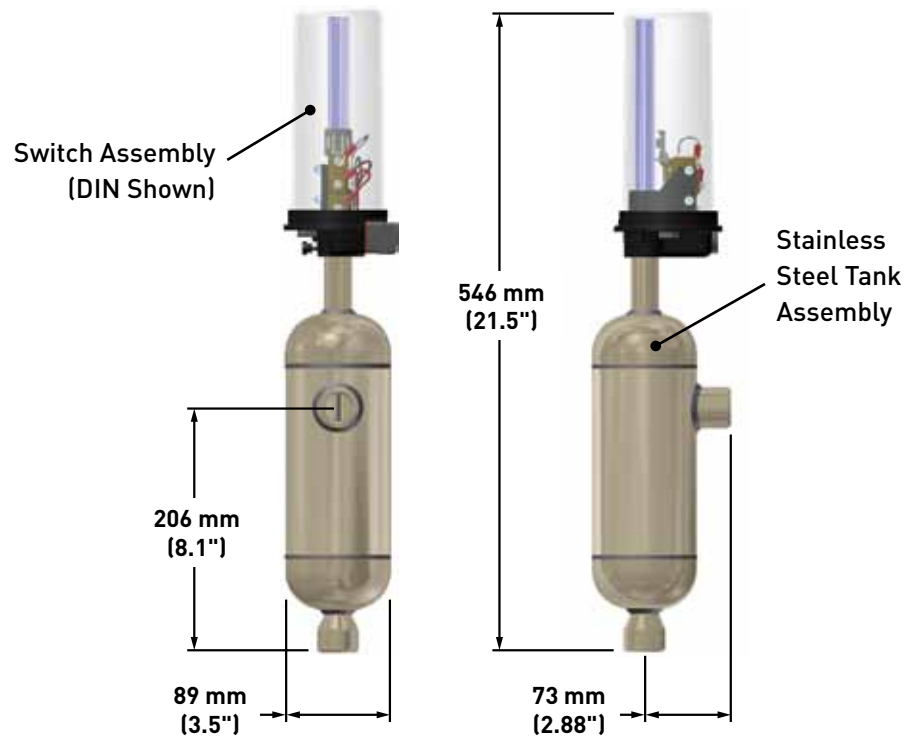


Diagram: LLSS Float Switch



Dimensional Diagram: LLSS Float Switch