



LIQUID LEVEL GAUGES

A common design methodology for transformers, regulators and other electrical equipment uses oil for dielectric insulation and cooling. The tank is normally filled with oil to the 25 degree centigrade level, which is marked on the tank wall. Normal equipment operation and changes in the environmental temperature cause changes in the oil volume. The oil expands when heated and contracts when cooled. The oil is usually colorless and difficult to see without the aid of a liquid level gauge. Heartland HLG liquid level gauges provide a positive indication of the oil level in transformers, regulators and other electrical equipment.



Various ANSI and industry standards specify liquid level gauges to measure and indicate the oil level in transformers, regulators and other electrical equipment. Heartland HLG liquid level gauges meet or exceed these standards. They reliably measure and indicate the oil level in either indoor or outdoor transformers, regulators and other electrical equipment.

Heartland Solutions has developed the HLG family of liquid level gauges to support all possible liquid level gauge applications in electrical equipment. Heartland offers HLG side mounted models with distinctive red floats and HLG top mounted models with bright black/red indication.

The liquid level gauge is typically used in an instrument cluster which includes a pressure/vacuum gauge and temperature gauge. Consult the pressure/vacuum gauge and temperature gauge datasheets for information.

FEATURES FOR SIGHT GAUGES

- Easy to see, high contrast non-porous solid float
- Heavy-duty, one piece Brass or Electroless Nickel Plated Steel body
- Crystal clear, tempered glass lens
- Indicates large level span
- High temperature rating
- Unique double seal design
- Highly reflective, Stainless Steel float retainer
- Baffle dampens fluid turbulence
- Precision threaded mounting
- Large wrench flat area for side application installation
- Thick rolled len compression ensures positive seal
- Fused glass and vibra seal option models available
- Models meets Industry Standards

SIGHT GAUGE MODEL NUMBERS

- HLG-1050 1/2" - 14 NPT connection, Brass body, red float
- HLG-1075 3/4" - 14 NPT connection, Brass body, red float
- HLG-1000-012 1" 11-1/2 NPT connection, Brass body, red float
- HLG-1000-R8 1" 11-1/2 NPT connection, Brass body, red float
vibra seal treated threads
- HLG-1010 1" 11-1/2 NPT connection, Steel body, fused glass, red float, side application
- HLG-1006 1 1/2" 11-1/2 NPT connection, Brass body red float
- HLG-1006-100 1 1/2" 11-1/2 NPT connection, Brass body red float, vibra seal treated threads
- HLG-1020 2" 11-1/2 NPT connection, Brass body red float
- HLG-1020-100 2" 11-1/2 NPT connection, Brass body red float, vibra seal treated threads

FEATURES FOR PRISM GAUGES

- Easy to see black and red indication
- Heavy-duty, one piece Brass body
- Large viewing window
- Indicates large liquid level span
- Unique double seal design
- Excellent light refraction from prismatic cone
- Crystal clear, polished optical rod
- Positive high and low indication
- Large wrench flats
- Precision 1" - 1 1/2 NPT threaded mounting for top side application
- Meets Industry Standards

PRISM GAUGE MODEL NUMBERS

- HLG-1055 Overall length is 6.16", length from tip to top of threads is 5.75"
- HLG-1055-100 Overall length is 6.16", length from tip to top of threads is 5.75", vibra seal treated threads
- HLG-1065-A00 Overall length is 7.16", length from tip to top of threads is 6.75"
- HLG-1065-100 Overall length is 7.16", length from tip to top of threads is 6.75", vibra seal treated threads

