



Magnetic Gage Gives Clear, Safe Liquid Level Readings From Vacuum to 4,700 psig and -328° to +842° F



The new MagneStar™ magnetic liquid level gage provides accurate liquid level readings at pressures ranging from vacuum to 4,700 psig, and temperatures from -328° to +842° F.

The liquid level readings appear as a bright red-on-white vertical band on an indicator rail that senses the level of fluid in a stainless steel guide tube that bridges the upper and lower levels of a tank, vessel or boiler. The level of the band is directly analogous to the liquid level being sensed and this reading is easily visible from a distance .

The actual fluid level is sensed via a permanent magnet embedded in a float that is installed in the stainless steel guide tube. The glass-faced indicator rail, mounted directly on this stainless steel tube, contains a series of rotating red and white elements that are sensitive to magnetism. As the float is moved up or down the guide tube by changes in the fluid level, its magnet activates the proximate indicator elements, rotating them so that their red side is displayed. Magnetic stabilization of each indication element ensures reliable liquid level readings despite vibration or shock.

Importantly, the process fluid remains tightly sealed within the stainless steel bridging tube and no fluid actually contacts the glass indicator tube, contributing to both the reliability of the gage and to the safety of operating personnel.

Standard float guide tube material is ANSI 316 stainless steel but alternatives are available if needed. Specific gravity can be as low as 0.30 for pressures up to 580 psig. Optional features include switches, remote indication, heating jackets, frost-free extensions, insulation, calibrated scales, interface indications and corrosion resistant linings. Certifications include ASME/ANSI, PTB (Hazardous locations), Lloyds, CSA, TÜV and more.

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