



BLISS ANAND AMERICA

The Spirit to Walk an Extra Mile



CRYOGENIC SOLUTIONS - ADVANTAGES & APPLICATIONS

Bliss Anand has developed Cryogenic Applications for our Magnetic Level Gauges. Our special cryogenic insulation ensures that the process fluid remains liquid up to -320°F !



Features:

- Oversized chamber (3")
- Guide rods to ensure floats are closer to the indicating assembly
- Acrylic frost extensions provided
- Prevents frost accumulation and ensures clear visibility

Insulation systems consisting of Polyisocyanurate (PIR) rigid foam are applied to the Magnetic Level Gauge in multiple layers. In combination with the PIR foam, high performance vapor barriers are used in order to produce the necessary degree of insulation. Specific cladding materials, such as stainless or aluminized steel, are then applied as the outermost layer of protection.

The measures described are necessary to keep process media in a liquid state, as all cryogenic liquids are gases at normal temperatures and processes. These liquids include Nitrogen, Argon, Helium, Hydrogen, Methane, LNG, and Oxygen.



Industries Served

- LNG

Service Liquids

- Nitrogen
- Argon
- Helium
- Hydrogen
- Methane
- Oxygen

Highlights

Prevents frost accumulation

*Measures in place to keep cryogenic fluids
in a liquid state*



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