

Supplemental Instructions

LevelStar & NightStar Indicators with Air Purge Kits

Scope

The following instructions are intended for LevelStar and NightStar indicators provided with an air purge kit for application temperatures that exceed 450F [232C].

Connection & Installation Guidelines

Indicators with an air purge kit will be provided with a 1/8" tube fitting at the top end of the indicator assembly. The bottom end of the indicator assembly features a bracket with several vent holes to allow air to flow through the indicator. The air flow through the indicator assembly is top-to-bottom.

The indicator should be purged with dry, clean instrument air. The air flow through the indicator should be approximately 3-5 standard cubic feet per minute. It is recommended to install a filter/regulator in close proximity to the indicator to ensure a controlled, clean air flow through the indicator assembly. When regulated immediately before entering the indicator, line pressures in the range of 5-10 psi will provide the desired air flow. Note that excessive pressure inside of the indicator housing will cause the front pane seals to fail.

For further assistance, contact Jerguson Engineering @ 440-572-1500.

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