

NJEX[®] 610 Low-Volume Odorant Injection System

Model 610

The NJEX 610 low-volume odorant injection system injects precise amounts of liquid odorant into a flowing pipeline to ensure detectability. Designed specifically for low-flow applications, the pump is volumetrically adjustable and positively injects a precise, repeatable increment of liquid odorant into cubic feet or meters, of gas that flows down a pipeline. Its unique design ensures accuracy, reliability and odor-free performance and it eliminates the risk for “vapor locking” at even the lowest of flow rates. Capable of injecting up to 1.44 liters/day (.38 gallons/day), the system provides three levels of verification to confirm only the desired amount of odorant is introduced into the pipeline.

Features and Benefits

- Patented, pneumatically-actuated, positive-displacement plunger pump
- 1.44 liters/day (.38 gallons/day) maximum odorant output
- Versatile, electronic controller for proportional-to-flow or proportional-to-time operation
- Intrinsically safe electronics
- Modular design for ease of maintenance

Specifications

Maximum Odorant Output	1.44 liters/day (.38 gallons/day)
Maximum operating pressure	99.28 bar (1440 psig)
Operating temperature range	17°C to 60°C (0°F to 140°F) ¹
Power supply	LBP-14 Battery (standard)
Gas flow rate input signal	Pulse (dry contact or voltage pulse)

¹At temperatures below 0°C (32°F) conditioning of the actuation gas supply may be required.



System Flow Schematic

