

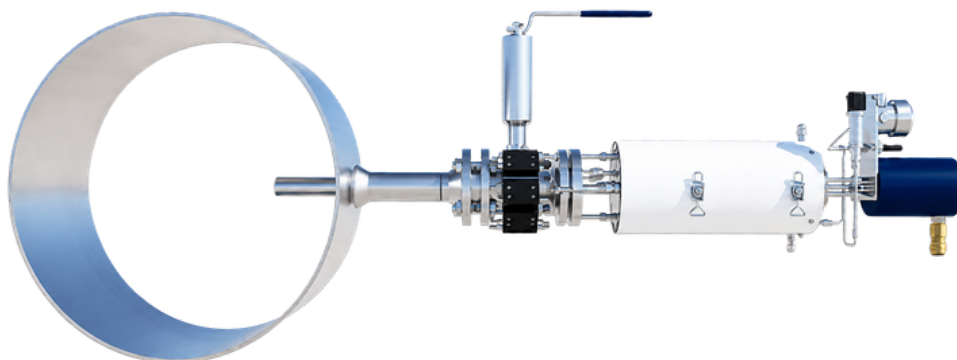
LNG PROBE VAPORISER

Reliable LNG sample extraction and vaporisation for accurate analysis

The Norsk Analyse LNG Probe Vaporiser combines sample extraction and LNG vaporisation in one robust, close-coupled solution. Designed for demanding environments, it provides a stable and homogeneous gas sample for accurate downstream analysis.

Key features

- Close-coupled LNG sample extraction and vaporisation
- Passive sub-cooling for stable analytical performance
- Robust design with no moving parts
- Back-purge capability
- Flexible horizontal-to-vertical installation
- ATEX, IECEx, NEC and CEC certification options



How it works

The extracted LNG sample is flash-vaporised to create a homogeneous gas sample for downstream analysis.

Available Configurations

STANDARD OPTIONS

Hazardous area approval

ATEX / IECEx Zone 1 IIC T3 • NEC Class 1 Div. 2 BCD T3

Process connection

1" / 150# RF ANSI B16.5 • 2" / 300# RF ANSI B16.5

Pressure control

Accumulator and back-pressure regulator on separate panel • Loose supply

Surface treatment

None

Probe execution

Straight shank, L = 240 mm • Straight shank, L = 260 mm

EXTENDED / ON-REQUEST OPTIONS

Hazardous area approval

USA Class 1 Div. 1 / Canada Class 1 Zone 1 • Other country-specific approvals on request

Process connection

1" / 300# RF • 1" / 600# RF • 2" / 150# RF • 2" / 600# RF • DN25 / PN16 • DN25 / PN40 • Custom process connection

Pressure control

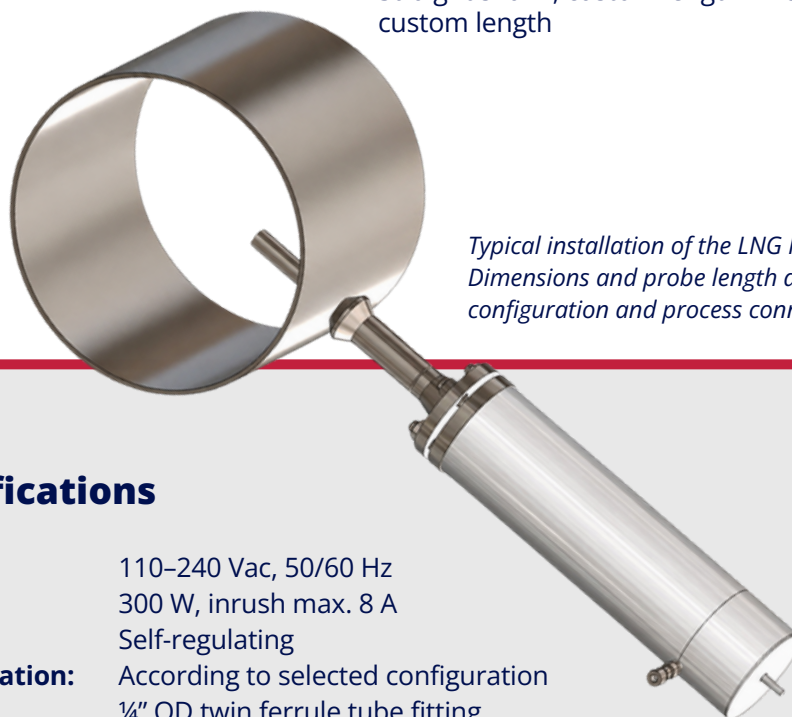
High pressure (>15 barg)

Surface treatment

Coating for gas sample wetted parts for trace analytes such as sulphurs

Probe execution

Straight shank, custom length • Helical straked probe, custom length



Typical installation of the LNG Probe Vaporiser. Dimensions and probe length depend on the selected configuration and process connection.

Technical Specifications

Power supply:

110–240 Vac, 50/60 Hz

Power consumption:

300 W, inrush max. 8 A

Temperature control:

Self-regulating

Hazardous area certification:

According to selected configuration

Sample outlet:

¼" OD twin ferrule tube fitting

Sample flow:

Application dependent, typically 300–1000 NI/h

Sample pressure:

Application dependent, typically 1–2 barg

Design pressure:

According to process connection flange rating

Wetted parts:

SS316 / SS316L

Specifications are subject to change without notice.

