

> **SL15 Probe for Sampler Loop**

The SAMPLEX™ SL15 sampling loop probe is specifically designed to complement automatic fast-loop sampling systems, optimizing operational efficiency and reducing infrastructure costs by requiring only a single hot tap into the process line.

The SL15 features a robust stem with sufficient wall thickness to allow insertion up to the centerline of the main process pipeline. The probe's outlet valve is precisely aligned with the main stem, ensuring unobstructed flow and minimizing the potential for blockages. Furthermore, the loop flow is accelerated to prevent pressure drop, thereby minimizing sample volume and product lag.



Features

- Withdrawable or fixed design for installation in pressurized lines.
- It is available as a simple take-off or with integral return at the pipe-wall to eliminate bias in the bypass loop.
- The withdrawable version can be removed under line conditions for piping.
- The SAMPLEX™ SL15 is a large-bore sample bypass extractor for sampling and analysis loops.
- It is specifically designed to ensure optimum representivity for cell samplers, water-in-oil monitors, densitometers and other on-line analysers.

Applications

- Fiscal measurement
- Refined products
- Condensates sampling
- LPG sampling
- Custody transfer
- LACT units
- Land/sea loading/unloading

Specifications

| | |
|----------------------------|---|
| MAOP | 100 barg @ 40 °C (using standard materials) |
| Insertion probe | 316L stainless steel |
| Connection body | Carbon steel |
| Seal | Nitrile Chevron |
| | Main pipeline mounting 3" ANSI 150/300/600 RF/RTJ |
| Installation | Outlet connection 1 1/2" ANSI 150/300/600 RF/RTJ |
| | Return connection 1 1/2" ANSI 150/300/600 RF/RTJ |
| Process temperature | -20 to 100 °C (-4 to 212 °F) |
| Pipeline size | 6" to 48" |
| | Fixed mounting |
| Mounting | Insertion mounting -Manual insertion -Insertion using optional tool |
| Industrial standard | API 8.2, ASME B16.5 |