

# BLA4 - Needle Purge Type

## Features

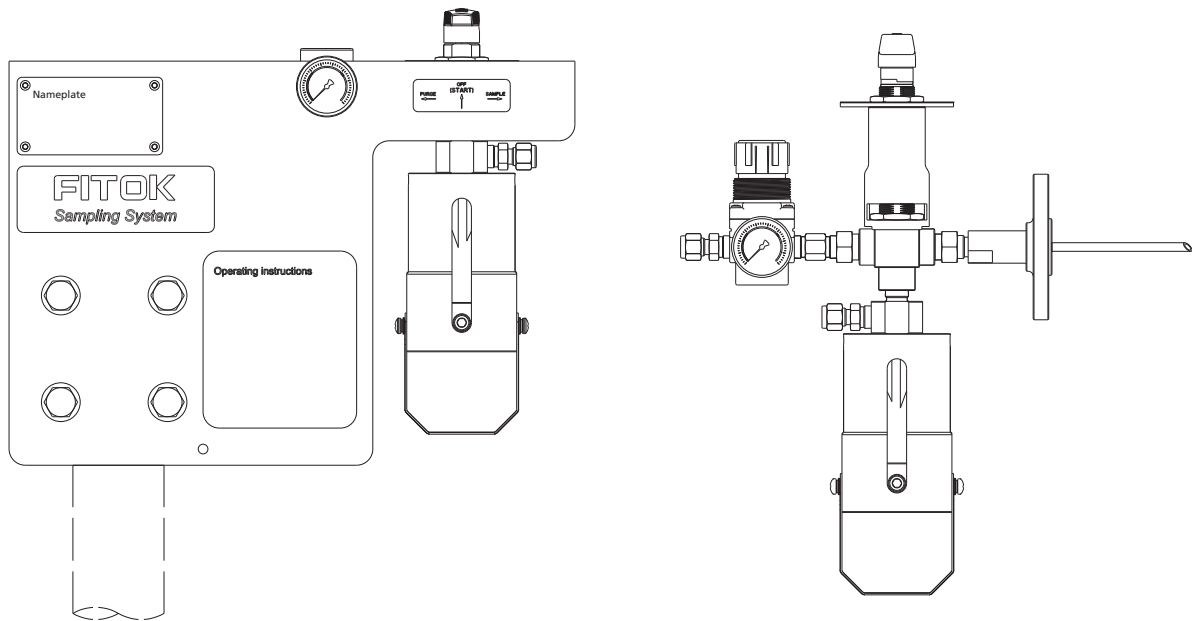
- ⦿ Sampling from low pressure devices or process lines: 0-145 psig (0-10 bar)
- ⦿ Needle purge

## Basic Configuration

<b>Wetted Material</b>	316 SS	
<b>Sleeve Assembly</b>	250 ml sleeve with bottle retaining clip	
<b>Needle Assembly</b>	Process/vent needle ID: 1.4 mm (0.06")	
<b>Sampling Valve</b>	BF Series 3-way ball valves: PTFE seat and FKM O-ring Max. working pressure: 1500 psig @ 70°F (103 bar @ 20°C) Temperature range: 0°F to 450°F (-18°C to 232°C)	
<b>Nitrogen Branch</b>	Nitrogen regulator	
	CV Series check valves	
<b>Connections</b>	1/4" tube fitting	

Note: Products of other specifications are available upon request.

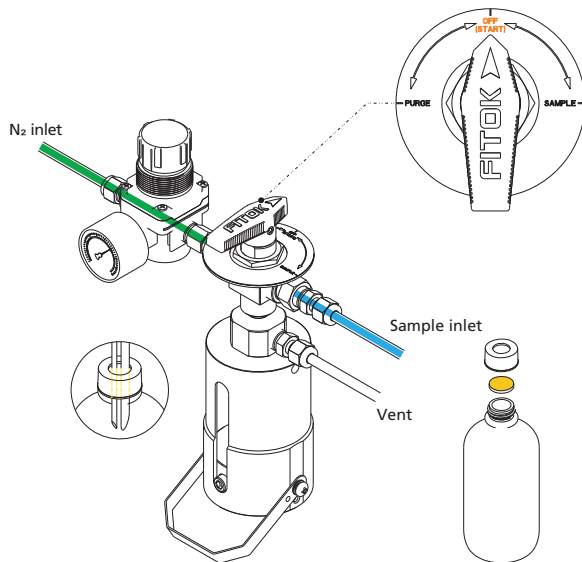
## Typical Installation Mode



## Operation

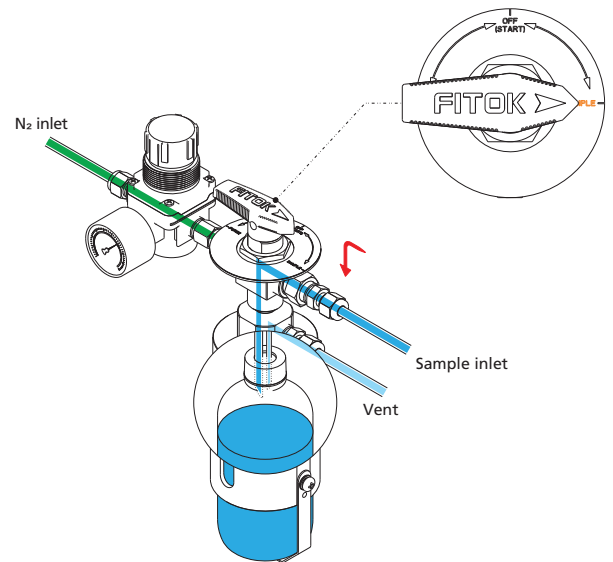
### 1 - Preparation

Place a new septum on the sample bottle. Insert the bottle with cap and septum into the sleeve until the septum is pierced by the needles. Swing down the bottle retaining clip.



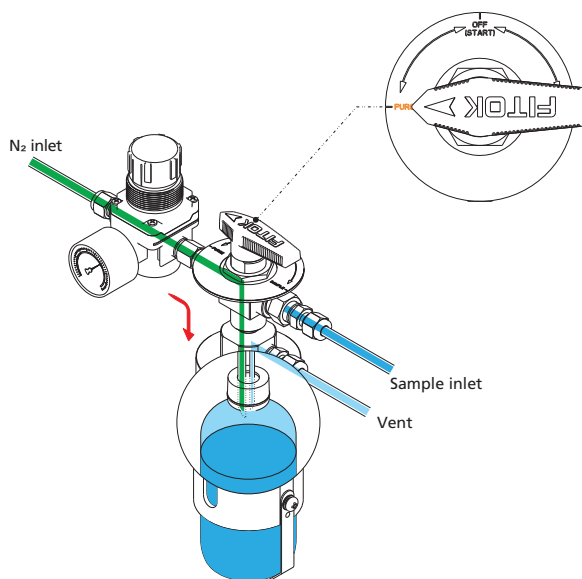
### 2 - Sampling

Turn the handle to the "SAMPLE" position, allowing the sample to flow into the bottle. When the required amount has been taken, turn the handle to the "OFF" position to close the sampling system.



### 3 - Needle Purge

Turn the handle to the "PURGE" position, allowing Nitrogen to force the residual sample from the needle assembly into the bottle.



### 4 - Off

Turn the handle to the "OFF" position to close the sampling system. Remove the bottle retaining clip and take out the bottle from the sleeve. The septum reseals automatically to complete the sampling process.

