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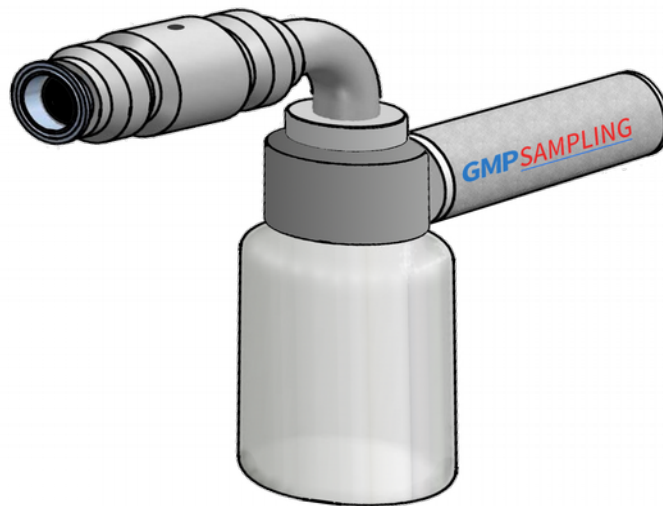
GMPSAMPLING

A brand of FOSBA GmbH

Powder Sampler SamFlow

For pneumatic conveylines

Improved design!



Product information



Application

The SamFlow system enables the sampling of bulk materials (powder or granulates) from pneumatic conveying lines up to 3.5 bar conveying pressure. This can be airborne or dense phase conveying. After sampling, the sample is collected in a 2 litre sample bottle

The device is typically used for pneumatic unloading of silo trucks or for internal pneumatic transfers. It is characterised by its uncomplicated installation and reliable mode of operation. The sample quantity can be freely determined by the number of intervals. With appropriate control a time-, volume- or event-proportional sampling can be realized.



Operation

By briefly opening the squeeze valve repeatedly, the product is discharged out of the line and into the sample bottle by the overpressure prevailing in the delivery line. The excess air can escape through a filter cartridge.

For proper function, it is important to measure the intervals so that the product discharged into the bottle has sufficient time to settle and excess air can escape through the filter cartridge.

Mounting and installation

For mounting the sampler, a DN25 (optionally TC) spigot is welded into the delivery line. The sampler is attached to it by means of screws or a triclamp.



Features

- Suitable for powders and granulates,
- Easy to install: A DN 25 flange is sufficient.
- Easy to clean
- simple manual control or programmable control box available
- Various material and design options

Design variants

Modell	Ausführung
SamFlow25	Pinch valve housing made of POM, food-safe natural rubber sleeve, can be used up to 80°C, Mounting: 1" weld nipple Pipe bend: stainless steel 1.4571 Bottle adapter: POM 2 pcs PP-bottles 2000ml included
SamFlow25-T	Pinch valve housing made of POM, food-safe natural rubber sleeve, can be used up to 80°C, Mounting: 1" Triclamp connection)EPDM seal Pipe bend: stainless steel 1.4571 Bottle adapter: POM 2 pcs PP-bottles 2000ml included

Options

- Control boxes, programable
- Upgrade for use in ATEX areas



Abbildung 1: Triclamp-Befestigung