

SIMPLEX™ Manual Valve - pipe welding

ART. NO. 831141PTFE

GENERAL



The CIP-able and drainable sampling valve - based on the well known Keofitt® design. The valve has one outlet and is used in the part of the process where it is not necessary to sterilise the valve before and after sampling. The valve is available in a manual and a pneumatic version.



The sampling valve can be used at any process for taking out any samples for chemical and/or physical analysis.



The valve can be cleaned by means of CIP through the open valve seat.



The product to be sampled should have a maximum viscosity of 1000 cP and should not contain particles larger than 3 mm. diameter.

FEATURES



To be welded directly into a pipe line.



Manually operated by means of turn knob



The outlet is a hose piece - other types are available as accessories.



PTFE TFM 1600 (EPDM & Silicone available)

CERTIFICATION



EHEDG CIP

3.1

3.1 Material Certificate



Conform to 3-A Sanitary Standards



In accordance with FDA §177.2600

TECHNICAL DATA

Material (process contact)

- Steel parts AISI 316L (1.4404)
- Membrane PTFE
- O-ring Silicone

Material (without process contact)

- Steel parts AISI 316L (1.4404)
- Steel parts AISI 303 (1.4305)
- Turn knob Delrin Acetal Resin

Surface treatment

- Outer surface Machined
- Inner surface ≤ Ra 0.8 µm

Pressure & temperature

- Pressure 0-6 bar / 0 - 87 psi
- Temperature 1-150 °C / 34°F - 302°F

Net weight

- Kg/lb 0,30 / 0,66

Spareparts

- Membrane 850055 (PTFE)
- O-ring 830825



