



DIVERTER: technical characteristics

- Valve body in stainless steel 1.4404 (AISI 316L).
- Gasket and bushings in PTFE FDA approved.
- Other components in PTFE FDA approved.
- Finish: inside high polish ($Ra < 0,1 \mu m$), outside satin ($Ra < 0,8 \mu m$).
- Drive: rotary pneumatic actuator.

DIVERTER



The one pipe diverter is a valve at a junction of a pipe tee, used to change the powder flow from one branch to another. It is thought for sanitary environment where are requested frequent sterilization processes. The **Diverter** does not offer dark ends in his design that could lead to product deposits, or create bacterium charges. The material used is PTFE and AISI 316L, shaped not through fusion but by mechanical work, with an excellent surface finish (mirror polish $Ra < 0,1 \mu m$). It is possible to produce the pivoting pipe in synthetic compounds whenever a lighter solution is necessary. This solution can handle processes in a range of temperature between $-10^{\circ}C$ and $+135^{\circ}C$. The **Diverter** is thought for gravitational discharge of powder, granules, pellets, or any solid product. Cleaning-In-Place (CIP) and Sterilization-In-Place (SIP) are both possible (upon request) on our one-pipe-diverter in order to clean and disinfect it automatically without major disassembly/assembly work. Pneumatic Actuator to select the channel. Our design enables a straight forward disassembling (user friendly), and does not request any small component that could by accident damage the connected machine or contaminate the product. It is possible to customize the interfaces, the discharge angle or the number of channels.