



SPTDS single pipe plug diverter

The SPTDS single straight pipe plug diverter has been specially designed to route powders and pellets with minimum degradation in pneumatic conveying systems. The straight pipe makes the SPTDS very suitable for applications in the food, pet food, plastics (recycling) and petrochemical industries.

A smooth passage of product is guaranteed by precision machining, very effective sealing and a complete obstruction free passage. The user friendly fool proof design enables fast in situ internal examination, cleaning and, if necessary, replacement of seals.

The design of the SPTDS plug diverter conforms to all current legislation regarding safety in the workplace. Consequently there are no moving parts on the outside.

The SPTDS is available in 5 consecutive sizes from 50 up to 125. For larger sizes we offer the SPTD single straight pipe plug diverter, which is available in 6 consecutive sizes from 150 up to 400.

- Universal application
- Sizes from NB 50 up to 125
- Pressure up to 1 bar g
- Maximum product temperature +80 °C
- For diverting only
- Static sealing
- No moving parts on the outside
- Versions conforming to ATEX 2014/34/EU available

Product information

The SPTDS has been designed to be user friendly, pressure shock resistant and with standard static seals suitable for pressures up to 1 bar g.

The SPTDS plug diverter consists of an aluminium housing and end covers in which a plug with a single straight pipe is installed. All product contact surfaces are made from stainless steel AISI 316L DIN 14404. Optionally the product contact parts can be anodized aluminium.

The SPTDS is supplied with a complete electro pneumatic control system, including solenoids and inductive position sensors.

Two EC 1935/2004 and FDA compliant silicone seals guarantee the sealing between housing and plug. The body is pressure tight, thus ensuring no leakage to atmosphere. The plug diverter can be used for product temperatures ranging from -25 °C up to +80 °C at ambient temperatures of -10 °C up to +40 °C.