



VENTEX® ISOLATION VALVE

General data sheet

Application

Ventex explosion isolation valves prevent propagation of dust explosions by blocking the shock wave and flame front. Ventex valves are passive valves meaning they will close without requiring any external energy input. Ventex valves are suitable for low dust load process streams containing up to max. 50 g.m⁻³ of dust and are typically used to protect dryers, mills, filters, cyclones, etc.

Ventex features

- ◆ Certified for metallic and organic dust, gas or hybrid mixtures^c
- ◆ Stainless steel internal parts
- ◆ Can be mounted horizontally or vertically (option)
- ◆ Easy to maintain
- ◆ ANSI flanges available on request
- ◆ Housing in coated or stainless steel
- ◆ Easy to reset following an activation
- ◆ Wide range of position indicators available
- ◆ Certified according ATEX 2014/34/EU and EN 15089

Versions and sizes

ATEX certified Ventex valves are available in three versions in sizes DN100, DN150, DN200, DN250, DN300, DN400, DN500 and DN600.

- ◆ ESI-S: "single acting" stops explosion coming from one direction
- ◆ ESI-D: "double acting" stops explosion coming from both directions
- ◆ ESI-C: "check valve"

Maintenance and revision

Contact StuvEx for regular maintenance and revision of your Ventex explosion isolation valve. StuvEx is an (by producer) certified Ventex repair center.

