



M&S butterfly valves type SV04 ATEX are hygienic shut-off devices used in potentially explosive atmospheres in the food, beverage, cosmetic, chemical and pharmaceutical industries.

They are type-tested according to directive 2014/34/EU and approved for the inner pipe area zone 0 (gas) and zone 20 (dust) as well as for the outer area zone 1 and zone 21 by constructive measures according to EN ISO 80079-37.

Butterfly valves type SV04 according to ATEX 2014/34/EU



Management System 2014/34/EU
Gültig bis: 2028-10-27
www.tuv.com
ID 9000024874



100% test of conductivity before delivery

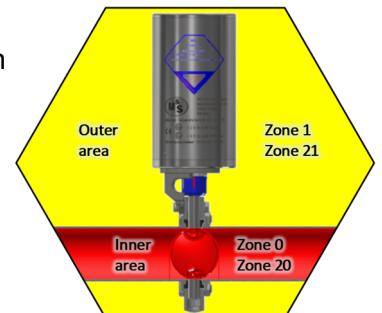
Usage

Features

Versions

In potentially explosive atmospheres of Zone 1 and Zone 21 as well as Zone 0 and Zone 20 for the inside of pipes according to Directive 1999/92/EC (ATEX operating directive).

- For shutting off liquid, viscous and, to a limited extent, gaseous media in pipelines, apparatus and on tanks;
- For diverting media flows by means of distributor combinations (T-Butterfly valves);
- Design as leakage valve for safe media separation (e.g. for separating product and cleaning media).



Usage

Features

Versions


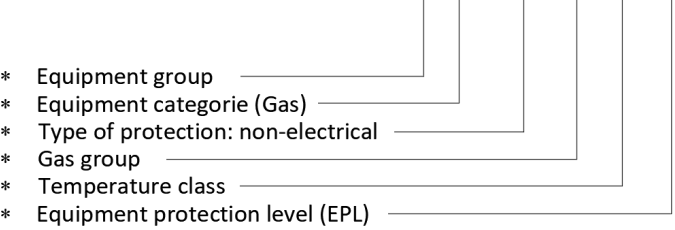





The ATEX Directive 2014/34/EU applies to devices and fittings intended for use in potentially explosive atmospheres. Annex II of this directive contains the basic health and safety requirements that must be observed and verified by the manufacturer.

According to the ATEX Directive, manufacturers of fittings for Zone 0 and Zone 20 must have a type examination carried out by a notified body. In addition, certification of the QA system according to ATEX aspects is required (Directive 2014/34/EU, Chapter 3, Article 13).

In addition, the directive-compliant labelling (incl. CE marking) for use in potentially explosive atmospheres is necessary.

M&S has fulfilled all required measures and successfully completed the EU type examination.



Usage	Features	Versions
<ul style="list-style-type: none"> Hygienic butterfly valves with TÜV type examination according to ATEX 2014/34/EU Annex III Module B, for Zone 0 and 20. Tested for constructive safety "c" of the ignition protection type according to ISO 80079-37 (<i>ignition protection type in which constructive measures are taken to prevent ignition by hot surfaces, sparks, and adiabatic compression caused by moving parts</i>); Potential equalisation between SV damper and enclosure by means of patented electrostatic-conductive slide bearing (photo 1); 100% conductivity test before delivery; Permanent marking of the valves (photo 2) and the actuators (photo 3) according to ATEX Directive 2014/34/EU; <ul style="list-style-type: none"> * Name and address of the manufacturer * Permissible temperature range * CE marking * Classification of the equipment group * Classification of the equipment category * Deposit number * Serial number Additionally with production order number <p>Example of classification according to ATEX;</p> <div style="text-align: center;"> <p>CE 0035  II 2G Ex h IIB T4 Gb</p>  </div>		<p>photo1</p>  <p>photo2</p>  <p>photo3</p> <div style="border: 1px solid black; padding: 5px;">  <p>M&S Armaturen GmbH Industriestraße 24-26 26446 Friedeburg Germany</p> <p>Zulässiger Temperaturbereich: 0°C bis +55°C Permissible temperature range: 0°C bis +55°C</p> <p>CE  II 2 G Ex h IIC T4 Gb  II 2 D Ex h IIIC T135°C Db</p> <p>Hinterlegungsnummer: 557/Ex-Ab 3749/22 Deposit number: 557/Ex-Ab 3749/22</p> </div>

Usage	Features	Versions