

Manufacturer's declaration

in the sense of the directive 2014/34/EU

Herewith we declare,,


Swissfluid AG

Industriestrasse 40, CH-5600 Lenzburg

that our valves like

Diaphragm valves type SDV, cylinder valves type SCP, ball valves type SBV/SBW/SBT, sightglasses type SSP/SST, pipe sightglasses type SSP-T/SST-T, ball check valves type SBC, check valves type SSC, Butterfly valves type SBP/SBE (EPDM black, Viton FPM, NBR), inline sampling valves type SIV, sampling ball valves type SSB and reactor sampling systems type SRS

to which this declaration refers, do not fall within the scope of Directive 2014/34/EU.

Swissfluid valves in combination with pneumatic and electrical assemblies are not considered as a single unit within the meaning of Directive 2014/34/EU, i.e. the valve and assemblies can be considered separately. Pneumatic and electrical components may only be installed on Swissfluid valves if they have been assessed in accordance with the directive and are labeled with an  ATEX mark.

Swissfluid valves may not be labeled with a specific ATEX mark because they do not fall within the scope of the directive.

The above assessment is shown in the Swissfluid 2014/34/EU (ATEX) conformity assessment. The assessment for Swissfluid valves is based on the following § of the ATEX guidelines, 2nd edition 2017:

§ 38 'Simple' products, §42 Non-electrical equipment and §44 Combined components (assemblies)

Intended use of valves with pneumatic or electrical components:

nominal widths:	Linings/coatings of conductive materials:
DN15 – DN1000 resp. 1/2" – 42"	PTFE-AS (Code 82), PTFE-T-AS (Code 97), PFA-AS (Code 86), EPDM schwarz (Code 60), Viton FPM (Code 67), NBR (Code 64)

Valves equipped with conductive components may be used in hazardous areas, i.e. without restriction in zones 0/20, 1/21 and 2/22.

The intended use of the valves (with their pneumatic or electrical assemblies) for the intended medium must be agreed with the manufacturer so that the design of the valves is suitable for the application.

The housing must be correctly grounded in order to dissipate the build-up of electrostatic charge via the conductive plastic and the metallic material of the fitting.

Notes:

- Valves must be included in the potential equalization measures of the system!
- For safe operation, the instructions of the corresponding operating manuals must be followed!

CH-5600 Lenzburg, 29.10.2020

Q.A. Manager:

