



(1) **EU-Type Examination Certificate**

(2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 2014/34/EU**

(3) Certificate number: **SEV 15 ATEX 0157 X**

(4) Product: Pressure Switch  
Types see page 2

(5) Manufacturer: Trafag AG, Sensors and Controls

(6) Address: Industriestrasse 11, 8608 Bubikon, SWITZERLAND

(7) The equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) Eurofins Electrosuisse Product Testing AG, notified body No. 1258, in accordance with article 17 of Directive 2014/34/EU of the European parliament and of the council, dated 26 February 2014, certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no 14-Ex-0090.01 + .01 E1

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

**EN 60079-0:12 + A11:13**

**EN 60079-1:14**

**EN 60079-31:14**

**EN 60079-7:15**

Except in respect of those requirements listed at item 18 of the schedule.

(10) If the sign «X» is placed after the certificate number, it indicates that the product is subjected to special conditions for safe use specified in the schedule to this certificate.

(11) This EU type examination certificate relates only to design and construction of the specified product. Further requirements of this directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:

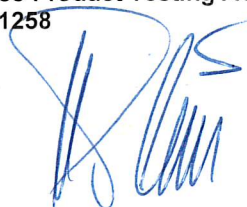


**II 2G Ex db eb IIC T6 Gb**

**II 2D Ex tb IIIC T80 °C Db**

**Eurofins Electrosuisse Product Testing AG**  
**ATEX Notified Body 1258**

Martin Plüss  
Product Certification



(13)

## Appendix

(14)

**EU-Type Examination Certificate no. SEV 15 ATEX 0157 X**
(15) **Description of product**

Pressure switches Pressostat EX are used for controlling the pressure in potentially explosive atmospheres. The pressure switches are designed for stationary installation only.

Pressure Switch

Type Pressostat 900 / 904 / 912 EXP  
 Pressostat 944 / 947 / 953 EXPK  
 Pressostat 920 / 924 / 932 EXPD

Classification of installation and use: stationary  
 Ingress protection: IP66  
 Rated ambient temperature range (°C):  $-50\text{ °C} \leq T_{amb} \leq +65\text{ °C}$

Rating:

	Measure range	Function
900/904/912 EXP	-0.9 .. 1.5 bar to 4 .. 40 bar	Measuring system with bellows
920/924/932 EXPD	-1 .. 6 bar to -1 .. 18 bar	Differential pressure
944/947/953 EXPK	1 .. 10 bar to 60 .. 600 bar	Measuring system with piston

Output	Floating change-over contact
Switching differential	Not adjustable

Electrical data switch	V a.c.	A a.c.
	250	5 (5)
	125	5 (5)
	V d.c.	A d.c.
	250	0.25 (0.03)
	125	0.5 (0.06)
	75	0.75 (0.25)
	50	1 (1)
	30	5 (3)
	15	5 (3)

Remark: Values for resistive (values for inductive loads)

(16) **Report number** 14-Ex-0090.01 + .01 E1

(17) **Specific conditions of use**

Only fix cable installation. The cable shall have strain relief.  
The maximum thermal stability of the cable shall be considered.  
The device have to be installed protected against UV radiation.

(18) **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
None	

(19) **Drawings and Documents**

See test report "Manufacturer's Documents"