



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

(2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 94/9/EC**

(3) Examination certificate number: **SEV 15 ATEX 0157 X**

(4) Equipment: 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) Electrosuisse SEV, notified body No. 1258 in accordance with article 9 of the Council Directive of the European Communities of 23 March 1994 (94/9/EC), certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment or protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The results of the examination are recorded in confidential report no. 14-Ex-0090.01


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

**EN 60079-0:12 + A11:13      EN 60079-1:07      EN 60079-31:14**  
**EN 60079-7:07**

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

(11) This examination certificate relates only to design and construction of the specified equipment in accordance with the directive 94/9/EC. Further requirements of this directive apply to the manufacturing process and the placing on the market of the equipment.

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

 **II 2G Ex d e IIC T6 Gb**  
**II 2D Ex tb IIIC T80 °C Db**

**Electrosuisse**  
**Notified Body ATEX**

Martin Plüss  
Product Certification



(13)

## Appendix

(14)

### EC-Type Examination Certificate

(15) Description of the equipment

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
	kPa	Bar	
900/904/912 EXP	-90 ... 150 to 400 ... 4000	-0.9 ... 1.5 to 4 ... 40	Measuring system with bellows
920/924/932 EXPD	-100 ... 600 to -100 ... 1800	-1 ... 6 to -1 ... 18	Differential pressure
944/947/953 EXPK	100 ... 1000 to 6000 ... 60000	1 ... 10 to 60 ... 600	Measuring system with piston

Output	Floating change-over contact
Switching differential	Not adjustable

Electrical data switch	V AC	A AC
	250	5 (5)
	125	5 (5)
	VDC	ADC
	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) Test Report 14-Ex-0090.01
- (17) Special conditions for safe 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) Fundamental essential health and safety requirements  
Fulfilled by the standards applied.