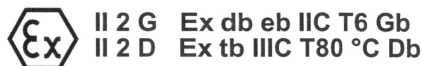




(1) **EU-Type Examination Certificate**

- (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: Pressostat 900 / 904 / 912 EXP, Pressostat 944 / 947 / 953 EXPK, Pressostat 920 / 924 / 932 EXPD
- (5) Manufacturer: Trafag AG
- (6) Address: Industriestrasse 11, 8606 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, 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 21CH-00406.X03
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:
- EN IEC 60079-0:2018**
EN 60079-1:2014
EN 60079-31:2014
EN 60079-7:2015
EN IEC 60079-7:2015/A1:2018
- 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. The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.
- (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:



Eurofins Electric & Electronic Product Testing AG
Notified Body ATEX

Martin Plüss
Product Certification




(13)

Appendix

(14)

EU-Type Examination Certificate no. SEV 15 ATEX 0157 X

(15) **General product information**

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

Classification of installation and use:

stationary

Ingress protection:

IP66

Rated ambient temperature range (°C):

-50 °C ≤ Tamb ≤ +65 °C

(16) **Report number**

21CH-00406.X03

(17) **“Special conditions for safe use” / “Schedule of limitations”**

- Only fix cable installation. The cable shall have strain relief.
- The maximum thermal stability of the cable shall be considered.
- The device has 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”

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)

Type code:
EXP/EXPK/EXPD

Function	EX	xxx
Measuring System with bellows	P	
Measuring system with piston	PK	
Differential pressure	PD	

Pressostat type EXP 900/904/912, Measuring principle Bellow

	XXX	XX	XX	XXX	XX	XX
With display and adjusting screw	900					
Without display, with adjusting screw	904					
With display and adjusting knob	912					
Microswitch (standard, not adjustable)						

Options nor Ex-relevant

Pressostat type EXPK 944/947/953, Measuring principle Piston

	XXX	XX	XX	XXX	XX	XX
With display and adjusting screw	944					
Without display, with adjusting screw	947					
With display and adjusting knob	953					
Microswitch (standard, not adjustable)						

Options no Ex-relevant

Differential Pressostat type EXPD 920/924/932

	XXX	XX	XX	XXX	XX	XX
With display and adjusting screw	920					
Without display, with adjusting screw	924					
With display and adjusting knob	932					
Microswitch (standard, not adjustable)						

Options not Ex-relevant