



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx SEV 17.0013X

Issue No: 0

Certificate history:

Issue No. 0 (2017-09-25)

Status: Current

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Date of Issue: 2017-09-25

Applicant: **Trafag AG**  
Sensors and Controls  
Industriestrasse 11  
8608 Bubikon  
Switzerland

Equipment: Pressure switch, Pressostat 900 / 904 / 912 EXP, Pressostat 944 / 947 / 953 EXPK,  
Pressostat 920 / 924 / 932 EXPD

Optional accessory:

Type of Protection: Flameproof "db", Increased safety "eb", Enclosure "tb"

Marking:  
Ex db eb IIC T6 Gb  
Ex tb IIIC T80 °C Db

Approved for issue on behalf of the IECEx  
Certification Body:

Martin Plüss

Position:

Manager Product Certification

Signature:  
(for printed version)

Date:

2017 - 09 - 25

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

**Eurofins Electrosuisse Product Testing AG**  
Luppenstrasse 1  
CH-8320 FEHRALTORF  
Switzerland



**Electrosuisse  
Product Testing**



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Manufacturer: **Trafag AG**  
Sensors and Controls  
Industriestrasse 11  
8608 Bubikon  
Switzerland

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

## STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

## TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

### Test Report:

CH/SEV/ExTR17.0013/00

### Quality Assessment Report:

CH/SEV/QAR12.0008/03



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## Schedule

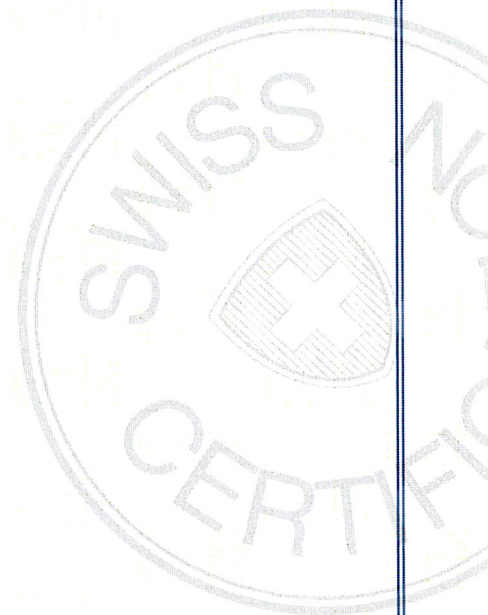
### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

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

### SPECIFIC CONDITIONS OF USE: YES as shown below:

- 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.





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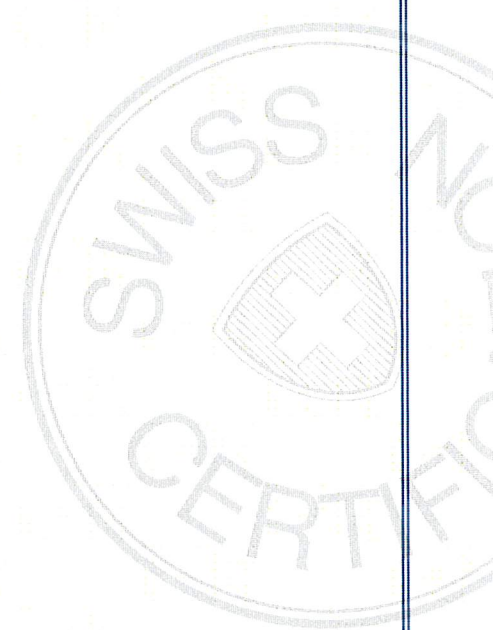
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**EQUIPMENT (continued):**

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	
	V a.c.	A a.c.
	250	5 (5)
	125	5 (5)
Electrical data switch	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)