

EU - Type Examination Certificate

- (1)
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**
- (3) EU - Type Examination Certificate Number

EPS 21 ATEX 1 013 X

Revision 0

- (4) Equipment: Pressure switch (type 954 series)
- (5) Manufacturer: WISE CONTROL INC.
- (6) Address: 122, Jomaru-ro 385beon-gil
Bucheon-si, Gyeonggi-do 14556
Republic of Korea
- (7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.
- (8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 20TH0321.
- (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

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.
- (11) This EU - Type Examination Certificate relates only to the design and construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
- (12) The marking of the equipment shall include the following:

 II 2G Ex db IIC T6 Gb

 II 2D Ex tb IIIC T85°C Db IP67



Hamburg, 2021-02-11

(13)

Annex

(14) **EU - Type Examination Certificate EPS 21 ATEX 1 013 X**

Revision 0

(15) Description of equipment:

P954 is a diaphragm type pressure switch which can be used in a variety of process lines. An internal micro switch is operated by pressure of various fluids, such as atmospheric pressure or fluid pressure. The pressure sensing part is a force balanced and piston actuated assembly. The enclosure is made by aluminum die-cast enclosure which consists of threaded cover and case and attached stainless steel pressure sensing mechanic. The connection can be made by direct cable entry and terminals inside.

Electrical data:

AC 125 V / 250 V, 15 A

DC 125 V, 0.5 A for resistance load

DC 125V, 0.03 A for inductive load

(16) Reference number: 20TH0321

(17) Special conditions for safe use:

A repair of flameproof joints is not allowed related to IEC 60079-0 table values.

Ambient temperature range:

$-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +65^{\circ}\text{C}$ with silicone O-ring

$-25^{\circ}\text{C} \leq T_{\text{amb}} \leq +65^{\circ}\text{C}$ with Viton O-ring

High electrostatic charge generating processes shall be excluded.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Hamburg, 2021-02-11

