

1 EU - Type Examination Certificate

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: ExVeritas 16 ATEX 0192X Issue: 3

4 Equipment: HPH Compact Position Sensor

5 Manufacturer: Summit Electronics ApS

6 Address: Stamholmen 147, 2650 Hvidovre, Denmark

7 This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

8 ExVeritas, Notified Body number 2804 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN 60079-0: 2013
EN 60079-26: 2015

EN 60079-1: 2014

EN60079-31:2014

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 schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment shall include the following:



II 2 G Ex db IIC T5 Gb

II 2 D Ex tb IIIC T100°C Db

Tamb -40°C to +75°C

On behalf of ExVeritas



Peter Lauritzen
Managing Director

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The certificate is only valid when it carries an original signature.

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Schedule

13 Description of Equipment or Protective System

The high pressure housing is designed for use with a magnetic position sensor. The flameproof enclosure is constructed from AISI 316 Stainless Steel and consists of an M44 threaded cover and body, with option threaded entry and a high pressure process probe, which can be placed in Zone 0.

Type Designation

HPH-abcd-efgh-A

abcd: reference to type

efgh: Measuring length – up to 25-2500mm

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R1029/A/1	30 Nov 2016	0	Initial issue of the Prime Certificate
R1551/A/1	08 Aug 2018	1	Updated standards
R1874/A/1	07-11-2018	2	Updated standards and corrected ambient temperatures
R1874/A/1	13-02-2019	3	Certificate issued by ExVeritas ApS

14.2 Compliance Drawings:

Issue 0

Number	Date	Issue	Description
2000-00-00	21-10-16	0	Summit High Pressure Housing, assembly for Temposonics E-Core position sensors
11-01-0090-1	11-12-13	1	Summit High Pressure Housing, assembly for Temposonics R-series position sensors
11-01-0080-1	11-12-13	1	Summit High Pressure Housing, assembly for temposonics R-series position sensors
11-01-0070-1	04, 12, 13	1	Summit High Pressure Housing, assembly for Temposonics R-series position sensors
11-01-0060-7	11-12-13	7	Summit High Pressure Housing, assembly for Temposonics R-series position sensors
11-01-0050-7	11-12-13	7	Summit High Pressure Housing, assembly for Temposonics R-series position sensors
11-01-0040-8	11, 12, 13	8	Summit High Pressure Housing, assembly for Temposonics R-series position sensors
11-01-0010-11	04, 12, 13	11	Summit High Pressure Housing, assembly for Temposonics R-series position sensors

15 Conditions of Certification

15.1 Special Conditions for Safe Use

- For Tamb below -1°C use field wiring suitable for both minimum and maximum ambient temperatures
- May in addition be marked T3

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Schedule

- 15.2 Conditions for Use
- Routine overpressure tests according to IEC 60079-1 shall be performed with a minimum overpressure of 29Bar
- 16 Essential Health and Safety Requirements
Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform the Notified Body of any modifications to the design of the product described by this schedule.

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