

1 EU-Type Examination Certificate

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

3 Certificate Number: **ExVeritas 25 ATEX 2224X** Issue: **0** Date: **27/JAN/2026**

4 Equipment: **Connection Head System type; SCH60X X – X – X – X**

5 Manufacturer **Status Instruments Ltd**

6 Address **Status Business Park,
Gannaway Lane,
Tewkesbury,
Gloucestershire,
GL20 8FD.**

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 Chapter 4 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 IEC 60079-0:2018
EN 60079-31:2014**

EN 60079-1:2014

EN 60079-11:2012

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 section 15 of 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 2GD

SCH60X X - D - X - X (Ex 'db' or Ex 'tb' Version)

**Ex db IIC T6/T5/T4 Gb
Ex tb IIIC T85°C/T100°C/T135°C Db
Tamb -40°C to +65°C for T6
Tamb -40°C to +80°C for T5
Tamb -40°C to +85°C for T4**

II 1GD

SCH60X X - I - X - X (Ex 'ia' Version)

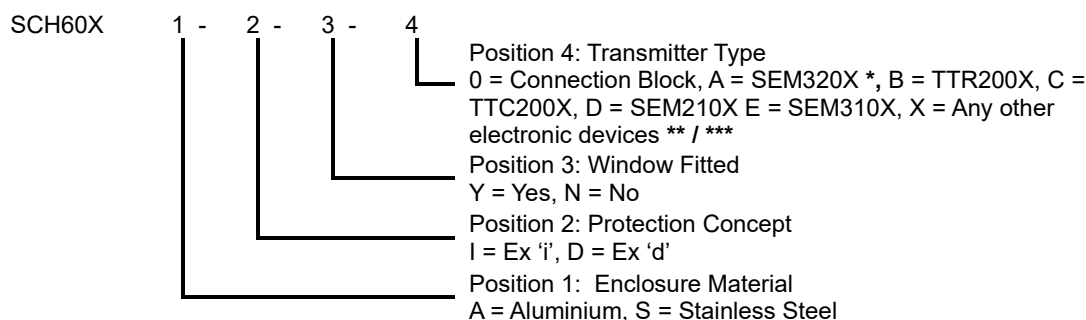
**Ex ia IIC T4 Ga
Ex ia IIIC T135°C Da
Tamb -40°C to +85°C for T4**

13 Description of Equipment or Protective System

The SCH60X Connection Head system will be certified as an Ex 'ia' or Ex 'db'. The Connection Head is an enclosure available in Aluminium or Stainless Steel with three times M20 x 1.5 entries fitted and can be supplied with or without a viewing window. The following models are covered by this certificate.

The following models are covered by this certificate.

Nomenclature:



* - Only available on Ex 'i' / Ex 'd' version with window

** - Not available for Ex 'i' version and must conform to the Specific Conditions of Use for the Ex 'd' version.

*** - The Exi version can be fitted with two transmitters from position 4 above if two outputs are required.

For SCH60X X – D – X – X (Ex 'db' or Ex 'tb' Version)

Electrical Rating: Maximum 3W

For SCH60X X – I – X – X Limiting Parameters (Ex 'ia' Version)

The following parameters for transmitter types SEM210X, SEM310X, SEM320X, TTR200X AND TTC200X are as follows:

Ui = 30 V
Ii = 100 mA
Pi = 750 mW
Ci = 0 F
Li = 0 F

Note: The Ex 'd' / Ex 't' and Ex 'i' versions will have separate marking labels as per section 12 of this certificate. Also the simple apparatus temperature probes do not fall under the scope of this certificate.

14 Associated Report and Certificate History

Number	Report Issue Date	Issue	Description
R5722/A/1	27-JAN-2026	0	Initial issue of the Prime Certificate.

15 Specific Conditions of Use

For SCH60X X – D – X – X (Ex 'db' or Ex 'tb' Version)

1. Appropriately certified cable glands, blanking elements or sensors/probes for direct entry shall be used.
2. For information on the dimensions of the flameproof joints the manufacturer shall be contacted.
3. For the end user to fit any electronic device the following shall be adhered to:
 - The maximum power of 3W shall not be exceeded.

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- Ensure that the free cross sectional area in any direction will be at least 40% (group IIC) of the internal free volume.
- Suitable for ambient not exceeding -40°C to +85°C.

For SCH60X X – I – X – X (Ex 'ia' Version)

1. The Temperature Transmitters shall only be configured by means of the USBX or USBTTX configurators, covered under EMT16ATEX0024X, IECEx EMT 16.0013X, CML 21UKEX2526X, IECEx EMT 16.0030X, EMT 16ATEX0050X & CML 21UKEX2527X. Connection shall be in the safe area only. Additionally, Transmitters may only be configured in hazardous area via HART.
2. The sensor connections of all signal transducers are only suitable for use with simple apparatus as defined by IEC 60079-11. Such devices shall also pass the dielectric strength test prescribed by IEC 60079-11.
3. When the system is fully assembled all entries of the SCH60X shall be closed or populated so that the SCH60X enclosure meets at least IP54 according to IEC 60529:1992+A2:2013.
4. The cast aluminium enclosure, certificate numbers IECEx FTZU 12.0017U / FTZU 03 ATEX 0207U exceeds the material limits equipment of EPL Ga. The user must determine the suitability of the equipment for the particular application, (for example, to avoid an ignition hazard due to impact or friction).

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.

The manufacturer shall inform the Notified Body of any modifications to the design of the product described by this certificate and associated report.

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