

# UK-TYPE EXAMINATION CERTIFICATE

Product or Protective Systems Intended for Use in Potentially Explosive Atmospheres

UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

- UK-Type Examination Certificate Number:** ITS22UKEX0558X
- Product:** XP10 Temperature and Pressure Transducers
- Manufacturer:** GP:50
- Address:** 2770 Long Road  
Grand Island, NY 14072  
USA
- This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- Intertek Testing and Certification Limited, Approved Body number 0359, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), 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 Schedule 1 of the Regulations.  
  
The examination and test results are recorded in the confidential report 105001803CRT-003.
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN IEC 60079-0:2018 and EN 60079-1:2014 except in respect of those requirements referred to within item 14 of the Schedule.
- If the sign “X” is placed after the certificate number, it indicates that the product is subject to the special conditions of use specified in the Schedule to this certificate.
- This UK-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- The marking of the product shall include the following:

II 2 G



Ex db IIC T4 to T6 Gb

-40°C ≤ Ta ≤ +76°C

**Certification Officer:** \_\_\_\_\_



Todd L. Relyea

**Date:** \_\_\_\_\_

29 June 2022

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. This Certificate is accredited under UKAS schedule 0010

Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SA  
Registered No 3272281 Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ.

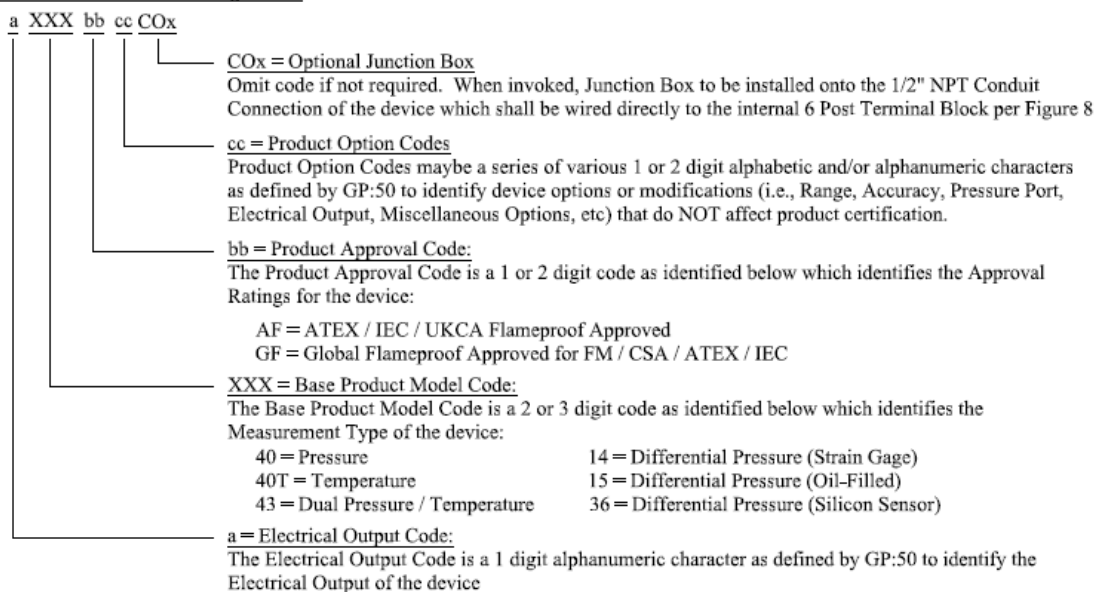
## SCHEDULE:

UK-Type Examination Certificate Number: ITS22UKEX0558X

### 11. Description of Product or Protective System

A series of pressure and temperature transducers housed in a stainless steel tubular enclosure. The process side is hermetically sealed with GTAW or LASER welded joints. The connection side is epoxy sealed and supplied with 18awg MTW wire flying leads or 18awg PVC insulated cable.

#### Model / Part Number Designation:



### 12. Report Number

Intertek Report: 105001803CRT-003 Dated: 2022-6-22.

### 13. Special Conditions of Certification

#### (a). Special Conditions of Use

- Flamepaths are not intended to be repaired.

#### (b). Conditions of Manufacture - Routine Tests

- Welded joints shall be routine tested per the requirements of EN 60079-1:2014, Clause 16.3 with a minimum overpressure of 1,302kPa for no less than 10 seconds. Batch testing per ISO 2859-1 is permitted. Equipment shall meet the acceptance criteria laid out in clause 16.5 of EN 60079-1:2014. Alternate routine non-destructive testing can also be employed per one of the following ISO methods
  - radiographic weld inspection; or
  - ultrasonic weld inspection; or
  - magnetic particle weld inspection; or
  - liquid penetrant weld inspection

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### 14. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report: 105001803CRT-003, Dated: 2022-6-22.

### 15. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
Approval Summary Document ATEX/IECEX Flameproof Approval Ø1.00 Housing Can Enclosures (XP10)	A8AD-XP10.00	A	6/17/2022

### 16. Details of Certificate changes Issue 1

N/A

