



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312315000465

**Applicant** Fortive (Shanghai) Industrial Instrumentation Technologies R&D., LTD.  
**Address** Room 101, Building 9, 518 North Fuquan Road, Changning District, Shanghai, China  
**Manufacturer** Fluke Process Instruments GmbH  
**Address** Blankenburger Straße 135, Berlin 13127, Germany  
**Production Factory** Fluke Process Instruments GmbH  
**Production Address** Blankenburger Straße 135, Berlin 13127, Germany  
**Product** Smart Integrated Infrared Sensors  
**Model/Type** T40-\*\*-\*\*-\*\*\*-6-IS  
**Ex marking** Ex ib IIC T4 Gb, Ex ibD 21 T135°C  
**Reference Standards** GB3836.1-2010, GB3836.4-2010, GB12476.1-2013, GB12476.4-2010

**Certification mode** Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEX-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (1 page)

Issued on: 2021-08-09

Valid to: 2026-08-08

The validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the original Chinese version, the Chinese version shall prevail.

Director:



Nanyang Explosion Protected Electrical Apparatus Research Institute Co., Ltd.



<http://www.ccc-cnex.com>  
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CN 0000789





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## (Annex)

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### Product information:

1. This certificate covers the following models:

- T40-\*\*-\*\*-\*\*\*-6-IS

The Thermalert 4.0 series utilizes a configurator style model coding system as defined below:

T40	-	**	-	**	-	***	-	6	-	IS
(1)		(2)		(3)		(4)		(5)		(6)

(1) — Series: Thermalert 4.0

(2) — Stands for spectral (μm): LT, LTB, LTD, MT, HT, G5, G7, P3, P7, 3M, 2M, 1ML, 1MH

(3) — Stands for optics D:S : 04, 07, 15, 20, 30, 50, 60, 70, 150

(4) — Stands for focus distance (mm) : SF0, SF2, SF4, CF0, CF1, CF2

(5) — Stands for interface: HART

(6) — Intrinsic safety

The entity parameters are:  $U_i = 27V$ ,  $I_i = 100mA$ ,  $P_i = 0.63W$ ,  $L_i = 21.6\mu H$ ,  $C_i = 0\mu F$

Ambient temperature:  $-20^{\circ}C \leq T_a \leq +80^{\circ}C$

Ex marking: Ex ib IIC T4 Gb, Ex ibD 21 T135°C

- Producers should organize production in accordance with the technical documents approved by the certification body.

2. Specific conditions of safety use:

- See instruction.

3. Certificate related report(s):

- Type test report: CQST2106C084

- Factory inspection report: CN2021Q010363

4. Certificate change information: None.

Issued on: 2021-08-09

Director:



Nanyang Explosion Protected Electrical  
Apparatus Research Institute Co.,Ltd.



中国认可  
产品  
PRODUCT  
CNAS C208-P