Certification

of Components and Systems

This certification is valid only for the specified component/system as submitted for testing

- together with the parts listed in enclosure 1
- documented in the technical documents according to enclosure 2
- for the use in the specified fire protection and security installations.

When using the subject of the certification the notes of enclosure 3 shall be observed.

This certificate may only be reproduced in its present form without any modifications including all enclosures. All changes of the underlying conditions of this certification shall be reported at once to the VdS certification body including the required documentation.

This certificate confirms compliance with the listed basic requirements and does not confirm the suitability of the product in a system according to a set of rules for planning and installation by VdS.

Holder of the Certification

Shenzhen HTI Sanjiang Electronics Co., Ltd
3/F, Guangcai Xintiandi Mansion, Nanshan Road
CN- Nanshan District, Shenzhen, 518054

Certification No.	No. of pages	valid from (dd.mm.yyyy)	valid until (dd.mm.yyyy)
C 226003	4	02.04.2026	01.04.2030

Subject of the Certification

Heat detector
A9020T

Use

in automatic fire detection and fire alarm systems

Basis of the Certification

EN 54-5:2017 + A1:2018

Issue Date: 02.04.2026

Dr. Reinermann
Managing Director

i. V. Hesels
Head of Certification Body

VdS Schadenverhütung GmbH
Amsterdamer Str. 174
D-50735 Köln

A company of the German Insurance Association (GDV) accredited by DAkkS as certification body for fire protection and security products

DAkkS Deutsche Akkreditierungsstelle D-ZE-11149-01-01

to Certification No. C 226003 dated 02.04.2026

The subject of the certification comprises the following parts.

Description of Subject	Type	Holder's Registration No.	Certification No.
Heat Detector	A9020T		
Bases Standard base	DZ-912		

Enclosure 2 Sheet 1

to Certification No. C 226003 dated 02.04.2026

The subject of the certification is described by the following documents.

Type of Document	Identification of document	Date/ Revision	Pages
Test Reports			
	TE-P107631-1001 Issue 1	11.10.2017	
	SW-P107631-1001 issue 1	11.10.2017	
A9020T General assembly	ROHS.3.623.111	V1.0	1
A9020T Product label drawing	139042905	V1.0	1
A9020T User manual	30031500220830	30.08.2022	4
A9020T Product data sheet	ROHS2.524.136JS	V1.0	1
A9020T Mechanical drawing	ROHS8.080.281 ROHS8.080.283 ROHS8.080.282 ROHS8.078.152 DPAJ8.610.090	V1.0	5
A9020T PCB layout	ROHS7.820.891/V1.3	V1.3	1
A9020T Circuit diagram	ROHS2.524.136DL	V1.3	1
A9020T PCBA BOM	ROHS5.064.924	V1.3	2
A9020T Parts list	ROHS2.524.136MX	V1.1	1
A9020T Software Details	ROHS2.524.136CT	V1.0	10
DZ-912			
DZ-912 general assembly	ROHS3.691.021	V1.0	1
DZ-912 mechanical drawing	ROHS8.071.054 DPAJ8.387.017 ROHS8.080.202	V1.0	3
DZ-912 parts list	ROHS3.691.021MX	V1.0	1

to Certification No. C 226003 dated 02.04.2026

Instructions for the application of the subject of certification (see enclosure 1).

Analogue Addressable heat detector types A9020T with category :

- A2

Technical data (manufacturer's specifications):

Operating voltage range (DC):	18 V to 28 V
Quiescent current:	0.3 mA at 24 V
Alarm current:	1.5 mA at 24 V