



# Certificate

of  
**Approval**  
of  
**Components and Systems**

*Holder of the Approval:*

**SeTec Sicherheitstechnik GmbH**  
Hauptstraße 40 a  
DE-82229 Seefeld

**This approval**

is valid only for the specified component/system as submitted for the test

■ together with the parts listed in enclosure 1

■ documented in the technical papers acc. to enclosure 2 (n/a for systems)

■ for application in the specified fire protection and security installations.

Use of the subject matter of the approval, is subject to the hints/comments of enclosure 3.

The validity of the approval can be extended upon application. Application for extension shall be submitted six months before expiry of the current approval at the latest.

This certificate may only be reproduced in its present form without any modification including all enclosures. All changes of the underlying conditions of this approval shall be reported at once to the VdS Certification Body enclosing the required documentation.

Any advertising with this VdS approved component/system shall reflect the correct contents of the certificate and shall not violate the trade practice rules.

<i>Approval No.:</i>	<i>No. of pages:</i>	<i>Valid from:</i>	<i>Valid to:</i>
<b>G 203077</b>	<b>4</b>	<b>22.03.2010</b>	<b>21.03.2014</b>

*Subject matter of the Approval:*

**Line Type Heat Detector  
Type SKM-95**

*Use:*

**in Automatic Fire Detection and Fire Alarm Systems**

*Basis for approval:*

**DIN EN 54-5:2001-03 - Heat Detectors - Point Detectors,  
Sect. 4, 5.3, 5.18**

**DIN EN 54-17:2006-03 - Short Circuit Isolators**

**VdS 2503:1996-12 - Heat Detectors, Sect. 5.6**

**VdS 2344:2005-12 - Procedure Guidelines**



DAT-ZE 005/92

Köln (Cologne), 22.03.2010

**Schüngel**

Managing Director

**i.V. Hesels**

Head of the VdS Certification Body

**VdS Schadenverhütung GmbH**  
Zertifizierungsstelle  
Amsterdamer Str. 174  
D-50735 Köln

A company of the German Insurance Association (GDV) (German federation of insurance companies)

Accredited by the "Deutsche Akkreditierungsstelle Technik (DATech)" as a certification body for the areas of fire protection and security



**Enclosure 1**

**Sheet 1**

To Certificate of Approval No. G 203077

Date 22.03.2010

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
Line Type Heat Detector	SKM-95		



To Certificate of Approval No. G 203077

Date 22.03.2010

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
VdS Test Report No. BMA 03064 dated 19.03.2004 VdS Test Report No. BMA 03007 dated 23.04.2003			
<b>Technical Information:</b> Technical Documentation Sensor Cable Detector SKM-95	SKM-95	27.01.04	25
Installation Instructions	SKM-95.1 / 12TG08-A1		15
Drawing Housing	TK 1111	21.02.2008	1



## Enclosure 3

Sheet 1

To Certificate of Approval No.: G 203077

Date 22.03.2010

Instructions for the application of the approval component/system (see enclosure 1):

Sensor cable detector type SKM-95 is a linear heat detector. It has a response behaviour like a static heat detector of response class C.

The heat detector consists of evaluation unit type SKM-95 and a highly resistant temperature sensor cable with protective mesh with the imprint 'Signaline HD - SKM' in standard or rilsan coat design. The sensor cable detector SKM-95 has a line isolating function which isolates the defective part of the loop in case of a short circuit.

The use of the heat detector is restricted to special applications like e.g. in street tunnels, cable conduits and similar installations. It may however be applied in cases, in which point type detectors can not be used.

The highly resistant temperature sensor cable shall be installed according to the manufacturer's projecting information terminated by a final box with a resistance of 3,6 k $\Omega$ .

When installing the system the ceiling height of the monitored room must not exceed 6,0 m.

The manufacturer's installation instructions shall always be regarded.

Operation record:	Apollo XP95
Quiescent current consumption/alarm current:	2 mA/3,2 mA
Response class:	C