



Certificate

of Approval of Components and Systems

Holder of the Approval:

System Sensor Europe
Charles Avenue

GB- Burgess Hill, West Sussex RH15 9UF

Approval No.:	No. of pages:	Valid from:	Valid to:
G 297009	4	15.04.2007	30.11.2008

Subject matter of the Approval:

Input-/Output device
Typen M512 ME; ZMX-1E; TC841E1001; TC841E1002;
MI-CZME

Use:

in Automatic Fire Detection Systems

Basis for approval:

CEA GEI 1-084 (08/00) - Input/Output Devices
VdS 2344 (12/05) - Procedure Guidelines

Köln (Cologne), 16.04.2007

Schüngel
Managing Director

i.V. Lüttenberg
Head of the VdS Certification Body

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

by registered mail
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 certi-
ficate and shall not violate the
trade practice rules.



DAT-ZE 005/92-32

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

A company of the Gesamtverband
der Deutschen Versicherungswirt-
schaft e.V. (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 297009

Date 16.04.2007

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)
Monitoring module	M512 ME		
Monitoring module	ZMX-1E		
Monitoring module	TC841E1001		
Monitoring module	TC841E1002		
Monitoring module	MI-CZME		



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Date 16.04.2007

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
DELTA Test-Report No. 28390-3 rev. 1, dated 24.03.1997			
M512ME, ZMX-1E, TC841E1001, TC841E1002 MI-CZME:			
Schematic interface PCB	C37-455-02, issue A	22.07.96	1
Schematic communication PCB	C37-479-01, issue A	16.10.97	1
Plate-M500 Base	P40-94-xx, issue N	27.02.95	1
SMD Asy DWG	x70-9160-000, issue B	30.05.96	1
RLI Asy DWG	x70-9161-000, issue A	19.02.96	1
Manual Asy DWG	x70-9162-000, issue A	19.02.96	1
Common Board Asy DWG	x70-9176-000, issue A	19.02.96	1
Common Board Mam Asy DWG	x70-9177-000, issue A	19.02.96	1
Type label, System Sensor			1
Type label, Honeywell	TC841001	07.11.97	1
Type label, Honeywell	SSUK/N04-242-73	20.04.00	1
Typelabel, Morley IAS	SSUK/N04-242-56	30.05.02	1
Installation instructions	H500-36-00	---	1
Installation instructions	M500-13-00	---	4
Installation instructions	M500-05-00	00	4
Declaration of conformity	---	01.03.02	3



Enclosure 3

Sheet 1

To Certificate of Approval No.: G 297009

Date 16.04.2007

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

Via monitoring module type M512 ME limit value detectors may be connected to an addressable detector line with data telegram of the company System Sensor.
The module monitors the ring line for 'operation, fault and alarm' by means of pulse extent modulation.

Supply voltage range: (15 - 32) VDC

Monitoring module type ZMX-1E operates with a data telegram of the company Notifier GmbH.
Monitoring modules type TC841E1001 and TC841E1002 operate with a data telegram of the company Honeywell.

Monitoring module type MI-CZME operates with a data telegram of the company Morley IAS Fire Systems.

The test 'Conducted disturbances induced by electromagnetic fields' was not enforced.