

(1) EC-TYPE-EXAMINATION CERTIFICATE

(2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 94/9/EC**

(3) EC-Type-Examination Certificate Number



TÜV 11 ATEX 7777 X

(4) Equipment: **Controller-/ Terminal Box** Type: **FTE ******

(5) Manufacturer: **Fluidtechnik Fiedler GmbH .**

(6) Address: **Walter-Welp-Strasse 9, 44149 Dortmund, Germany**

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The TÜV Zertifizierungsstelle for ex-protected products of TÜV Rheinland Industrie Service GmbH, notified body No. 0035 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report 557/Ex777.00/11

Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN 60079-0: 2009

EN 60079-1: 2007

EN 60079-7: 2007

EN 60079-11: 2007

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-Type-Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

(12) The marking of the equipment shall include the following:

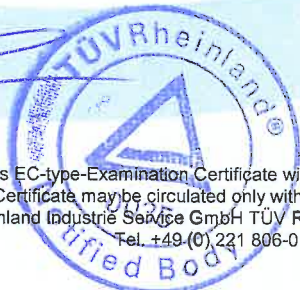
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See explanations in the annex

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2012-03-30


Dipl.-Ing. Heinz Farke



This EC-type-Examination Certificate without signature and stamp shall not be valid.
This EC-type-examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the
TÜV Rheinland Industrie Service GmbH TÜV Rheinland Group Am Grauen Stein 51105 Köln
Tel. +49 (0) 221 806-0 Fax. + 49 (0) 221 806 114

(13) Annex

(14) **EC - Type Examination Certificate**
TÜV 11 ATEX 7777 X

(15) Description of equipment

The control and terminal box type FTE is a modular system of certified enclosures, which can be equipped with additional terminals and components. The devices will be combined according to customer specified demands. Therefore an individual documentation for each assembly is available.

The designations of additional components of combined devices are added to the designation label of the main device.

Ex-certified or non-Ex-certified components can be mounted into these pressure proofed enclosures.

Only terminals of the specified type of protection are allowed to be mounted into the terminal boxes.

Only components which have a certification to be used within Ex-areas with the required category are allowed to be mounted into the control boxes.

The markings below have to be completed by the type of protection of the inserted devices.

The temperature class will be derived from the actual assembly.

15.1 Subject

Control Unit	Type	FTE	****
Type of protection: _____ B: in enclosure Ex d IIB C: in enclosure Ex d IIC			
Material of enclosure: _____ A: Aluminium V: Stainless steel V2A W: Stainless steel V4A S: Steel plate			
Indication of size (company internal) _____			
Identifier (company internal) _____			

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Control and terminal box: **Type FTE ******

Type of protection: _____

E: Terminal box Ex e IIC
I: Terminal box Ex ia IIC T6
F: Controller box Ex e(including components)

Material of enclosure: _____

A: Aluminium
P: Polyester
V: Stainless steel V2A
W: Stainless steel V4A

Indication of size (company internal) _____

Identifier (company internal) _____

15.2 Technical Data

Rated voltage	max. 1000V
Rated current	max. 125 A
Power dissipation	max. 500W
Ambient temperature	according to specific device assessment

(16) Testreport-No. 557 / Ex 777.00/11

(17) Special conditions for safe use

The requirements of EN 60079-14 have to be considered due to the individual setup, wiring and installation.

The special conditions of the certified devices have to be considered and all essential information shall be inserted into the final user documentation.


Only certified cable glands, which are qualified to be used within the particular protection type of the enclosure, shall be used.

(18) Basic safety and health requirements

fulfilled

TÜV Rheinland Ex Notified Body

Cologne, 2012-03-30


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