



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx EPS 11.0015U Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2013-12-19\)](#)
Date of Issue: **2013-12-19** [Issue No. 0 \(2012-03-29\)](#)
Applicant: **Quintex GmbH**
i_PARK TAUBERFRANKEN 13
97922 Lauda-Königshofen
Germany
Electrical Apparatus: **Explosion-proof signal lamp with button module, type QX0212-...**
Optional accessory:
Type of Protection: **d, e, tD**
Marking:
EX de IIC Gb
Ex tD A21 IP66

*Approved for issue on behalf of the IECEx
Certification Body:*

Dieter Zitzmann

Position:

Manager Certification

*Signature:
(for printed version)*

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





IECEx Certificate of Conformity

Certificate No: IECEx EPS 11.0015U Issue No: 1

Date of Issue: 2013-12-19 Page 2 of 4

Manufacturer: **Quintex GmbH**
i_PARK TAUBERFRANKEN 13
97922 Lauda-Königshofen
Germany

Additional Manufacturing
location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2007-10 Edition:5	Explosive atmospheres - Part 0:Equipment - General requirements
IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-0 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[DE/EPS/ExTR12.0011/01](#)

Quality Assessment Report:

[DE/EPS/QAR11.0001/02](#)



IECEx Certificate of Conformity

Certificate No: IECEx EPS 11.0015U

Issue No: 1

Date of Issue: 2013-12-19

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The explosion protected signal lamp is a control and indication unit for installation in doors or covers of cabinets or enclosures in kind of ignition protection increased safety "e". The final determination of a temperature class of the enclosure takes place after complete assembly according to the specifications of IEC 60079-7.

Schedule of limitations:

The ambient temperature range deviates from the normal ambient temperature range and amounts to $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$. Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 2 of IEC 60079-1. Dielectric strength test is conducted according to Clause 7.1 of IEC 60079-7.

CONDITIONS OF CERTIFICATION: NO



IECEX Certificate of Conformity

Certificate No: IECEx EPS 11.0015U

Issue No: 1

Date of Issue: 2013-12-19

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Addition of IEC 61241-0 and IEC 61241-1



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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Certificate No.: IECEx EPS 11.0014U Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2013-12-19\)](#)
Date of Issue: **2013-12-19** [Issue No. 0 \(2012-03-29\)](#)

Applicant: **Quintex GmbH**
i_PARK TAUBERFRANKEN 13
97922 Lauda-Königshofen
Germany

Electrical Apparatus: **Explosion-proof ammeter module, QX0205-...**
Optional accessory:

Type of Protection: **e, tD**

Marking:
Ex e II Gb
Ex tD A21 IP66

*Approved for issue on behalf of the IECEx
Certification Body:*

Dieter Zitzmann

Position:

Manager Certification

*Signature:
(for printed version)*

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IECEx Certificate of Conformity

Certificate No: IECEx EPS 11.0014U Issue No: 1

Date of Issue: 2013-12-19 Page 2 of 4

Manufacturer: **Quintex GmbH**
i_PARK TAUBERFRANKEN 13
97922 Lauda-Königshofen
Germany

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IEC 60079-0 : 2007-10 Edition:5	Explosive atmospheres - Part 0:Equipment - General requirements
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-0 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

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TEST & ASSESSMENT REPORTS:

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Test Report:

[DE/EPS/ExTR12.0010/01](#)

Quality Assessment Report:

[DE/EPS/QAR11.0001/02](#)



IECEx Certificate of Conformity

Certificate No: IECEx EPS 11.0014U

Issue No: 1

Date of Issue: 2013-12-19

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The explosion protected ammeter is a control and indication unit for installation in doors or covers of cabinets or enclosures in kind of ignition protection increased safety "e". The final determination of a temperature class of the enclosure takes place after complete assembly according to the specifications of IEC 60079-7.

Schedule of limitations:

The ambient temperature range deviates from the normal ambient temperature range and amounts to $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$. Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 2 of IEC 60079-1. Dielectric strength test is conducted according to Clause 7.1 of IEC 60079-7.

CONDITIONS OF CERTIFICATION: NO



IECEX Certificate of Conformity

Certificate No: IECEx EPS 11.0014U

Issue No: 1

Date of Issue: 2013-12-19

Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Addition of IEC 61241-0 and IEC 61241-1



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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Certificate No.: IECEx EPS 11.0013U Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2013-12-19\)](#)
Date of Issue: **2013-12-19** [Issue No. 0 \(2012-03-29\)](#)
Applicant: **Quintex GmbH**
i_PARK TAUBERFRANKEN 13
97922 Lauda-Königshofen
Germany
Electrical Apparatus: **Explosion-proof potentiometer module, type QX0203-...**
Optional accessory:
Type of Protection: **d, e, tD**
Marking:
Ex de IIC Gb
Ex tD A21 IP66

Approved for issue on behalf of the IECEx
Certification Body:

Dieter Zitzmann

Position:

Manager Certification

Signature:
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IECEX Certificate of Conformity

Certificate No: IECEx EPS 11.0013U Issue No: 1

Date of Issue: 2013-12-19 Page 2 of 4

Manufacturer: **Quintex GmbH**
i_PARK TAUBERFRANKEN 13 97922 Lauda-Königshofen
Germany

Additional Manufacturing
location(s):

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IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-0 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

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IECEx Certificate of Conformity

Certificate No: IECEx EPS 11.0013U

Issue No: 1

Date of Issue: 2013-12-19

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The explosion protected signal lamp is a for installation in doors or covers of cabinets or enclosures in kind of ignition protection increased safety "e". The final determination of a temperature class of the enclosure takes place after complete assembly according to the specifications of IEC 60079-7.

Schedule of limitations:

The ambient temperature range deviates from the normal ambient temperature range and amounts to $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$. Dielectric strength test is conducted according to Clause 7.1 of IEC 60079-7.

CONDITIONS OF CERTIFICATION: NO



IECEX Certificate of Conformity

Certificate No: IECEx EPS 11.0013U

Issue No: 1

Date of Issue: 2013-12-19

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Addition of IEC 61241-0 and IEC 61241-1



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INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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Certificate No.: IECEx EPS 11.0012U Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2013-12-04\)](#)
Date of Issue: **2013-12-04** [Issue No. 0 \(2012-03-29\)](#)

Applicant: **Quintex GmbH**
i_PARK TAUBERFRANKEN 13
97922 Lauda-Königshofen
Germany

Electrical Apparatus: **Explosion-proof signal lamp module, type QX0202-...**
Optional accessory:

Type of Protection: **d, e, tD**

Marking:
Ex de IIC Gb
Ex tD A21 IP66

*Approved for issue on behalf of the IECEx
Certification Body:*

Dieter Zitzmann

Position:

Manager Certification

*Signature:
(for printed version)*

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IECEX Certificate of Conformity

Certificate No: IECEx EPS 11.0012U Issue No: 1

Date of Issue: 2013-12-04 Page 2 of 4

Manufacturer: **Quintex GmbH**
i_PARK TAUBERFRANKEN 13
D-97922 Lauda-Königshofen
Germany

Additional Manufacturing
location(s):

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IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-0 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

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IECEx Certificate of Conformity

Certificate No: IECEx EPS 11.0012U

Issue No: 1

Date of Issue: 2013-12-04

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The explosion protected signal lamp is a control and indication unit for installation in doors or covers of cabinets or enclosures in kind of ignition protection increased safety.

The final determination of a temperature class of the enclosure takes place after complete assembly according to the specifications of IEC 60079-7.

Schedule of limitations:

The ambient temperature range deviates from the normal ambient temperature range and amounts to $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$. Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 2 of IEC 60079-1. Dielectric strength test is conducted according to Clause 7.1 of IEC 60079-7.

CONDITIONS OF CERTIFICATION: NO



IECEX Certificate of Conformity

Certificate No: IECEx EPS 11.0012U

Issue No: 1

Date of Issue: 2013-12-04

Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Addition of IEC 61241-0 and IEC 61241-1



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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Certificate No.: IECEx EPS 11.0011U Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2013-12-19\)](#)
Date of Issue: **2013-12-19** [Issue No. 0 \(2012-03-29\)](#)

Applicant: **Quintex GmbH**
i_PARK TAUBERFRANKEN 13
97922 Lauda-Königshofen
Germany

Electrical Apparatus: **Explosion-proof switch module, type QX0201-...**
Optional accessory:

Type of Protection: **d, e, tD**

Marking: Ex de IIC Gb
Ex tD A21 IP66

*Approved for issue on behalf of the IECEx
Certification Body:*

Dieter Zitzmann

Position:

Manager Certification

*Signature:
(for printed version)*

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Germany





IECEX Certificate of Conformity

Certificate No: IECEx EPS 11.0011U Issue No: 1

Date of Issue: 2013-12-19 Page 2 of 4

Manufacturer: **Quintex GmbH**
i_PARK TAUBERFRANKEN 13
97922 Lauda-Königshofen
Germany

Additional Manufacturing
location(s):

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IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-0 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

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Test Report:

[DE/EPS/ExTR12.0007/01](#)

Quality Assessment Report:

[DE/EPS/QAR11.0001/02](#)



IECEX Certificate of Conformity

Certificate No: IECEx EPS 11.0011U

Issue No: 1

Date of Issue: 2013-12-19

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The explosion protected switch module is a control and indication unit for installation in doors or covers of cabinets or enclosures in kind of ignition protection increased safety "e".

The final determination of a temperature class of the enclosure takes place after complete assembly according to the specifications of IEC 60079-7.

Schedule of limitations:

The ambient temperature range deviates from the normal ambient temperature range and amounts to $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$. Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 2 of IEC 60079-1. Dielectric strength test is conducted according to Clause 7.1 of IEC 60079-7.

CONDITIONS OF CERTIFICATION: NO



IECEX Certificate of Conformity

Certificate No: IECEx EPS 11.0011U

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Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Addition of IEC 61241-0 and IEC 61241-1



**BUREAU
VERITAS**



(1) **EG – Baumusterprüfbescheinigung**

(2) Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen – Richtlinie 94/9/EG

(3) EG-Baumusterprüfbescheinigungsnummer

EPS 11 ATEX 1 396 U

Revision 1

(4) Komponente: Explosionsgeschützter Schalter Typ QX 0201-...

(5) Hersteller: Quintex GmbH

(6) Anschrift: i_Park Tauberfranken 13, D-97922 Lauda-Königshofen

(7) Die Bauart dieser Komponente sowie die verschiedenen zulässigen Ausführungen sind in der Anlage zu dieser Baumusterprüfbescheinigung festgelegt.

(8) Die Bureau Veritas Consumer Products Services Germany GmbH bescheinigt als Benannte Stelle Nr. 2004 nach Artikel 9 der Richtlinie des Rates der Europäischen Gemeinschaft vom 23. März 1994 (94/9/EG) die Erfüllung der grundlegenden Sicherheits- und Gesundheitsanforderungen für die Konzeption und den Bau von Geräten und Schutzsystemen zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen gemäß Anhang II der Richtlinie. Die Ergebnisse der Prüfung sind in dem vertraulichen Prüfbericht 11TH0494_QX0201 festgelegt.

(9) Die grundlegenden Sicherheits- und Gesundheitsanforderungen werden erfüllt durch Übereinstimmung mit:

EN 60079-0:2009

EN 60079-1:2007

EN 60079-7:2007

EN 61241-0:2004

EN 61241-1:2004

(10) Das Zeichen „U“ hinter der Zertifikatsnummer gibt an, dass dieses Zertifikat nicht mit einem für ein Gerät oder Schutzsystem vorgesehenen Zertifikat verwechselt werden darf. Diese Teilbescheinigung darf nur als Basis für die Bescheinigung eines Gerätes oder Schutzsystems verwendet werden.

(11) Diese EG-Baumusterprüfbescheinigung bezieht sich nur auf Konzeption und Bau der festgelegten Komponente gemäß Richtlinie 94/9/EG. Weitere Anforderungen dieser Richtlinie gelten für die Herstellung und das in Verkehrbringen dieser Komponente.

(12) Die Kennzeichnung der Komponente muss die folgenden Angaben enthalten:



II 2 G Ex de IIC Gb

II 2 D Ex tD A21 IP66

Zertifizierungsstelle Explosionsschutz

Türkheim, 29.11.2013



D. Zitzmann

Seite 1 / 2

Bescheinigungen ohne Unterschrift haben keine Gültigkeit. Diese Bescheinigung darf nur unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung von Bureau Veritas Consumer Products Services Germany GmbH. Diese Bescheinigung wird intern unter folgender Nummer verwaltet: 12.064



**BUREAU
VERITAS**

(13)

Anlage

(14) **EG-Baumusterprüfbescheinigung EPS 11 ATEX 1 396 U Rev.1**

(15) Beschreibung der Komponente:

Bei dem explosionsgeschützten Schalter handelt es sich um ein Befehlsmeldegerät zum Einbau in Türen oder Gehäusedecken von Schaltschränken oder Gehäuse in der Zündschutzart erhöhte Sicherheit "e".

Die endgültige Festlegung einer Temperaturklasse erfolgt für das Gehäuse nach vollständiger Bestückung gemäß den Vorgaben der EN 60079-7.

Elektrische Daten:

Betriebsspannung U	250V	250V	110V	24V
Gebrauchskategorie	AC12	AC15	DC13	DC13
Betriebsstrom I	16A	10A	0,5A	1A

(16) Prüfbericht: 11TH0494_QX0201

(17) Besondere Bedingungen:

Der Umgebungstemperaturbereich weicht vom Standardumgebungstemperaturbereich ab und beträgt $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$.

Die Reparatur flammendurchschlagsicherer Spalte muss in Übereinstimmung mit den Vorgaben des Herstellers durchgeführt werden. Reparaturen dürfen nicht auf Grundlage der Werte gemäß Tabelle 2 der EN 60079-1 durchgeführt werden.

Die Spannungsfestigkeitsprüfung muss gemäß Unterkapitel 7.1 der EN 60079-7 durchgeführt werden.

(18) Grundlegende Sicherheits- und Gesundheitsanforderungen:

Durch Normen abgedeckt.

Zertifizierungsstelle Explosionsschutz

Türkheim, 29.11.2013


D. Zitzmann

Seite 2 / 2

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**BUREAU
VERITAS**



(1) **EG – Baumusterprüfbescheinigung**

(2) Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen – Richtlinie 94/9/EG

(3) EG-Baumusterprüfbescheinigungsnummer

EPS 11 ATEX 1 400 U

Revision 1

(4) Komponente: Explosionsgeschützte Signallampe mit Bedienfunktion Typ QX 0212-...

(5) Hersteller: Quintex GmbH

(6) Anschrift: i_Park Tauberfranken 13, D-97922 Lauda-Köngishofen

(7) Die Bauart dieser Komponente sowie die verschiedenen zulässigen Ausführungen sind in der Anlage zu dieser Baumusterprüfbescheinigung festgelegt.

(8) Die Bureau Veritas Consumer Products Services Germany GmbH bescheinigt als Benannte Stelle Nr. 2004 nach Artikel 9 der Richtlinie des Rates der Europäischen Gemeinschaft vom 23. März 1994 (94/9/EG) die Erfüllung der grundlegenden Sicherheits- und Gesundheitsanforderungen für die Konzeption und den Bau von Geräten und Schutzsystemen zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen gemäß Anhang II der Richtlinie. Die Ergebnisse der Prüfung sind in dem vertraulichen Prüfbericht 11TH0494_QX0212 festgelegt.

(9) Die grundlegenden Sicherheits- und Gesundheitsanforderungen werden erfüllt durch Übereinstimmung mit:

EN 60079-0:2009

EN 60079-1:2007

EN 60079-7:2007

EN 61241-0:2004

EN 61241-1:2004

(10) Das Zeichen „U“ hinter der Zertifikatsnummer gibt an, dass dieses Zertifikat nicht mit einem für ein Gerät oder Schutzsystem vorgesehenen Zertifikat verwechselt werden darf. Diese Teilbescheinigung darf nur als Basis für die Bescheinigung eines Gerätes oder Schutzsystems verwendet werden.

(11) Diese EG-Baumusterprüfbescheinigung bezieht sich nur auf Konzeption und Bau der festgelegten Komponente gemäß Richtlinie 94/9/EG. Weitere Anforderungen dieser Richtlinie gelten für die Herstellung und das in Verkehrbringen dieser Komponente.

(12) Die Kennzeichnung der Komponente muss die folgenden Angaben enthalten:



II 2 G Ex de IIC Gb

II 2 D Ex tD A21 IP66

Zertifizierungsstelle Explosionsschutz

Türkheim, 29.11.2013



D. Zitzmann

Seite 1 / 2

Bescheinigungen ohne Unterschrift haben keine Gültigkeit. Diese Bescheinigung darf nur unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung von Bureau Veritas Consumer Products Services Germany GmbH. Diese Bescheinigung wird intern unter folgender Nummer verwaltet: 12.068



**BUREAU
VERITAS**

(13)

Anlage

(14) **EG-Baumusterprüfbescheinigung EPS 11 ATEX 1 400 U Rev.1**

(15) Beschreibung der Komponente:

Bei der explosionsgeschützten Signallampe mit Bedienfunktion handelt es sich um ein Befehlsmeldegerät zum Einbau in Türen oder Gehäusedecken von Schaltschränken oder Gehäuse in der Zündschutzart erhöhte Sicherheit "e".

Die endgültige Festlegung einer Temperaturklasse erfolgt für das Gehäuse nach vollständiger Bestückung gemäß den Vorgaben der EN 60079-7.

Elektrische Daten:

Max. Spannung Bedienknopf:	250VAC/10A 24VDC/1A
Signallampe:	12V - 250V AC/DC, P <1W

(16) Prüfbericht: 11TH0494_QX0212

(17) Besondere Bedingungen:

Der Umgebungstemperaturbereich weicht vom Standardumgebungstemperaturbereich ab und beträgt $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$.

Die Reparatur flammendurchschlagsicherer Spalte muss in Übereinstimmung mit den Vorgaben des Herstellers durchgeführt werden. Reparaturen dürfen nicht auf Grundlage der Werte gemäß Tabelle 2 der EN 60079-1 durchgeführt werden.

Die Spannungsfestigkeitsprüfung muss gemäß Unterkapitel 7.1 der EN 60079-7 durchgeführt werden.

(18) Grundlegende Sicherheits- und Gesundheitsanforderungen:

Durch Normen abgedeckt.

Zertifizierungsstelle Explosionsschutz

Türkheim, 29.11.2013



D. Zitzmann

Seite 2 / 2

Bescheinigungen ohne Unterschrift haben keine Gültigkeit. Diese Bescheinigung darf nur unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung von Bureau Veritas Consumer Products Services Germany GmbH. Diese Bescheinigung wird intern unter folgender Nummer verwaltet: 12 029



**BUREAU
VERITAS**



(1) EG – Baumusterprüfbescheinigung

(2) Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen – Richtlinie 94/9/EG

(3) EG-Baumusterprüfbescheinigungsnummer

EPS 11 ATEX 1 399 U

Revision 1

(4) Komponente: Explosionsgeschütztes Amperemeter Typ QX 0205-...

(5) Hersteller: Quintex GmbH

(6) Anschrift: i_Park Tauberfranken 13, D-97922 Lauda-Köngishofen

(7) Die Bauart dieser Komponente sowie die verschiedenen zulässigen Ausführungen sind in der Anlage zu dieser Baumusterprüfbescheinigung festgelegt.

(8) Die Bureau Veritas Consumer Products Services Germany GmbH bescheinigt als Benannte Stelle Nr. 2004 nach Artikel 9 der Richtlinie des Rates der Europäischen Gemeinschaft vom 23. März 1994 (94/9/EG) die Erfüllung der grundlegenden Sicherheits- und Gesundheitsanforderungen für die Konzeption und den Bau von Geräten und Schutzsystemen zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen gemäß Anhang II der Richtlinie. Die Ergebnisse der Prüfung sind in dem vertraulichen Prüfbericht 11TH0494_QX0205 festgelegt.

(9) Die grundlegenden Sicherheits- und Gesundheitsanforderungen werden erfüllt durch Übereinstimmung mit:

EN 60079-0:2009

EN 60079-7:2007

EN 61241-0:2004

EN61241-1:2004

(10) Das Zeichen „U“ hinter der Zertifikatsnummer gibt an, dass dieses Zertifikat nicht mit einem für ein Gerät oder Schutzsystem vorgesehenen Zertifikat verwechselt werden darf. Diese Teilbescheinigung darf nur als Basis für die Bescheinigung eines Gerätes oder Schutzsystems verwendet werden.

(11) Diese EG-Baumusterprüfbescheinigung bezieht sich nur auf Konzeption und Bau der festgelegten Komponente gemäß Richtlinie 94/9/EG. Weitere Anforderungen dieser Richtlinie gelten für die Herstellung und das in Verkehrbringen dieser Komponente.

(12) Die Kennzeichnung der Komponente muss die folgenden Angaben enthalten:



II 2 G Ex e II Gb

II 2 D Ex tD A21 IP66

Zertifizierungsstelle Explosionsschutz

Türkheim, 29.11.2013



D. Zitzmann

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**BUREAU
VERITAS**

(13)

Anlage

(14) **EG-Baumusterprüfbescheinigung EPS 11 ATEX 1 399 U Rev.1**

(15) Beschreibung der Komponente:

Bei dem explosionsgeschützten Amperemeter handelt es sich um ein Befehlsmeldegerät zum Einbau in Türen oder Gehäusedecken von Schaltschränken oder Gehäuse in der Zündschutzart erhöhte Sicherheit "e".

Die endgültige Festlegung einer Temperaturklasse erfolgt für das Gehäuse nach vollständiger Bestückung gemäß den Vorgaben der EN 60079-7.

Elektrische Daten:

Zulässige Strombereiche: 0-15A

Max. zulässige Spannung: 690 V

(16) Prüfbericht: 11TH0494_QX0205

(17) Besondere Bedingungen:

Der Umgebungstemperaturbereich weicht vom Standardumgebungstemperaturbereich ab und beträgt $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$.

Die Reparatur flammendurchschlagsicherer Spalte muss in Übereinstimmung mit den Vorgaben des Herstellers durchgeführt werden. Reparaturen dürfen nicht auf Grundlage der Werte gemäß Tabelle 2 der EN 60079-1 durchgeführt werden.

Die Spannungsfestigkeitsprüfung muss gemäß Unterkapitel 7.1 der EN 60079-7 durchgeführt werden.

(18) Grundlegende Sicherheits- und Gesundheitsanforderungen:

Durch Normen abgedeckt.

Zertifizierungsstelle Explosionsschutz

Türkheim, 29.11.2013



D. Zitzmann

Seite 2 / 2

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**BUREAU
VERITAS**



(1) **EG – Baumusterprüfbescheinigung**

(2) Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen – Richtlinie 94/9/EG

(3) EG-Baumusterprüfbescheinigungsnummer

EPS 11 ATEX 1 398 U

Revision 1

(4) Komponente: Explosionsgeschütztes Potentiometermodul Typ QX 0203-...

(5) Hersteller: Quintex GmbH

(6) Anschrift: i_Park Tauberfranken 13, D-97922 Lauda-Köngshofen

(7) Die Bauart dieser Komponente sowie die verschiedenen zulässigen Ausführungen sind in der Anlage zu dieser Baumusterprüfbescheinigung festgelegt.

(8) Die Bureau Veritas Consumer Products Services Germany GmbH bescheinigt als Benannte Stelle Nr. 2004 nach Artikel 9 der Richtlinie des Rates der Europäischen Gemeinschaft vom 23. März 1994 (94/9/EG) die Erfüllung der grundlegenden Sicherheits- und Gesundheitsanforderungen für die Konzeption und den Bau von Geräten und Schutzsystemen zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen gemäß Anhang II der Richtlinie. Die Ergebnisse der Prüfung sind in dem vertraulichen Prüfbericht 11TH0494_QX0203 festgelegt.

(9) Die grundlegenden Sicherheits- und Gesundheitsanforderungen werden erfüllt durch Übereinstimmung mit:

EN 60079-0:2009

EN 60079-1:2007

EN 60079-7:2007

EN 61241-0:2004

EN 61241-1:2004

(10) Das Zeichen „U“ hinter der Zertifikatsnummer gibt an, dass dieses Zertifikat nicht mit einem für ein Gerät oder Schutzsystem vorgesehenen Zertifikat verwechselt werden darf. Diese Teilbescheinigung darf nur als Basis für die Bescheinigung eines Gerätes oder Schutzsystems verwendet werden.

(11) Diese EG-Baumusterprüfbescheinigung bezieht sich nur auf Konzeption und Bau der festgelegten Komponente gemäß Richtlinie 94/9/EG. Weitere Anforderungen dieser Richtlinie gelten für die Herstellung und das in Verkehrbringen dieser Komponente.

(12) Die Kennzeichnung der Komponente muss die folgenden Angaben enthalten:



II 2 G Ex de IIC Gb

II 2 D Ex tD A21 IP66

Zertifizierungsstelle Explosionsschutz

Türkheim, 29.11.2013

D. Zitzmann

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**BUREAU
VERITAS**

(13)

Anlage

(14) **EG-Baumusterprüfbescheinigung EPS 11 ATEX 1 398 U Rev.1**

(15) Beschreibung der Komponente:

Bei dem explosionsgeschützten Potentiometermodul handelt es sich um ein Befehlsmeldegerät zum Einbau in Türen oder Gehäusedecken von Schaltschränken oder Gehäuse in der Zündschutzart erhöhte Sicherheit "e".

Die endgültige Festlegung einer Temperaturklasse erfolgt für das Gehäuse nach vollständiger Bestückung gemäß den Vorgaben der EN 60079-7.

Elektrische Daten:

Betriebsspannungen: U = 200V

Leistungsaufnahme: P ≤ 0,1W

(16) Prüfbericht: 11TH0494_QX0203

(17) Besondere Bedingungen:

Der Umgebungstemperaturbereich weicht vom Standardumgebungstemperaturbereich ab und beträgt $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$.

Die Reparatur flammendurchschlagsicherer Spalte muss in Übereinstimmung mit den Vorgaben des Herstellers durchgeführt werden. Reparaturen dürfen nicht auf Grundlage der Werte gemäß Tabelle 2 der EN 60079-1 durchgeführt werden.

Die Spannungsfestigkeitsprüfung muss gemäß Unterkapitel 7.1 der EN 60079-7 durchgeführt werden.

(18) Grundlegende Sicherheits- und Gesundheitsanforderungen:

Durch Normen abgedeckt.

Zertifizierungsstelle Explosionsschutz

Türkheim, 29.11.2013



D. Zitzmann

Seite 2 / 2

Bescheinigungen ohne Unterschrift haben keine Gültigkeit. Diese Bescheinigung darf nur unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung von Bureau Veritas Consumer Products Services Germany GmbH. Diese Bescheinigung wird intern unter folgender Nummer verwaltet: 12 066



**BUREAU
VERITAS**



(1) **EG – Baumusterprüfbescheinigung**

(2) Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen – **Richtlinie 94/9/EG**

(3) EG-Baumusterprüfbescheinigungsnummer

EPS 11 ATEX 1 397 U

Revision 1

(4) Komponente: Explosionsgeschützte Signallampe Typ QX 0202-...

(5) Hersteller: Quintex GmbH

(6) Anschrift: i_Park Tauberfranken 13, D-97922 Lauda-Köngshofen

(7) Die Bauart dieser Komponente sowie die verschiedenen zulässigen Ausführungen sind in der Anlage zu dieser Baumusterprüfbescheinigung festgelegt.

(8) Die Bureau Veritas Consumer Products Services Germany GmbH bescheinigt als Benannte Stelle Nr. 2004 nach Artikel 9 der Richtlinie des Rates der Europäischen Gemeinschaft vom 23. März 1994 (94/9/EG) die Erfüllung der grundlegenden Sicherheits- und Gesundheitsanforderungen für die Konzeption und den Bau von Geräten und Schutzsystemen zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen gemäß Anhang II der Richtlinie. Die Ergebnisse der Prüfung sind in dem vertraulichen Prüfbericht 11TH0494_QX0202 festgelegt.

(9) Die grundlegenden Sicherheits- und Gesundheitsanforderungen werden erfüllt durch Übereinstimmung mit:

EN 60079-0:2009

EN 60079-1:2007

EN 60079-7:2007

EN 61241-0:2004

EN 61241-1:2004

(10) Das Zeichen „U“ hinter der Zertifikatsnummer gibt an, dass dieses Zertifikat nicht mit einem für ein Gerät oder Schutzsystem vorgesehenen Zertifikat verwechselt werden darf. Diese Teilbescheinigung darf nur als Basis für die Bescheinigung eines Gerätes oder Schutzsystems verwendet werden.

(11) Diese EG-Baumusterprüfbescheinigung bezieht sich nur auf Konzeption und Bau der festgelegten Komponente gemäß Richtlinie 94/9/EG. Weitere Anforderungen dieser Richtlinie gelten für die Herstellung und das in Verkehrbringen dieser Komponente.

(12) Die Kennzeichnung der Komponente muss die folgenden Angaben enthalten:

II 2 G Ex de IIC Gb

II 2 D Ex tD A21 IP66

Zertifizierungsstelle Explosionsschutz

Türkheim, 29.11.2013


D. Zitzmann

Seite 1 / 2

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**BUREAU
VERITAS**

- (13) **Anlage**
- (14) **EG-Baumusterprüfbescheinigung EPS 11 ATEX 1 397 U Rev.1**
- (15) Beschreibung der Komponente:

Bei der explosionsgeschützten Signallampe handelt es sich um ein Befehlsmeldegerät zum Einbau in Türen oder Gehäusedecken von Schaltschränken oder Gehäuse in der Zündschutzart erhöhte Sicherheit "e".

Die endgültige Festlegung einer Temperaturklasse erfolgt für das Gehäuse nach vollständiger Bestückung gemäß den Vorgaben der EN 60079-7.

Elektrische Daten:

Betriebsspannungen: U = 12V..250VDC
U = 12V...400VAC

Leistungsaufnahme: P ≤ 1W

- (16) Prüfbericht: 11TH0494_QX0202
- (17) Besondere Bedingungen:

Der Umgebungstemperaturbereich weicht vom Standardumgebungstemperaturbereich ab und beträgt $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$.

Die Reparatur flammendurchschlagsicherer Spalte muss in Übereinstimmung mit den Vorgaben des Herstellers durchgeführt werden. Reparaturen dürfen nicht auf Grundlage der Werte gemäß Tabelle 2 der EN 60079-1 durchgeführt werden.

Die Spannungsfestigkeitsprüfung muss gemäß Unterkapitel 7.1 der EN 60079-7 durchgeführt werden.

- (18) Grundlegende Sicherheits- und Gesundheitsanforderungen:

Durch Normen abgedeckt.

Zertifizierungsstelle Explosionsschutz

Türkheim, 29.11.2013



D. Zitzmann



**BUREAU
VERITAS**



(1) **EC-Type Examination Certificate**

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres
– Directive 94/9/EC

(3) EC Type Examination Certificate Number

EPS 11 ATEX 1 396 U

Revision 1

(4) Component: Explosion protected switch module Type QX 0201-...

(5) Manufacturer: Quintex GmbH

(6) Address: i_Park Tauberfranken 13, D-97922 Lauda-Köngshofen, Germany

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

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies that 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 atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential report 11TH0494_QX0201.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2009

EN 60079-1:2007

EN 60079-7:2007

EN 61241-0:2004

EN 61241-1:2004

(10) The sign "U" placed behind the certificate number indicates that this certificate should not be confounded with certificates issued for equipment or protective systems. This component certificate only serves as a basis for the issuing of certificates for equipment or protective systems.

(11) This EC Type Examination Certificate relates only to the design and the construction of the specified component in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this component.

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



II 2 G Ex de IIC Gb

II 2 D Ex tD A21 IP66

Certification department of explosion protection

Türkheim, November 29, 2013

D. Zitzmann

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Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.
This certificate is internally administrated under the following number: 12.064



**BUREAU
VERITAS**

(13)

Annexe

(14) **EC Type Examination Certificate EPS 11 ATEX 1 396 U Rev.1**

(15) Description of component:

The explosion protected switch module is a control and indication unit for installation in doors or covers of cabinets or enclosures in kind of ignition protection increased safety "e".

The final determination of a temperature class of the enclosure takes place after complete assembly according to the specifications of EN 60079-7.

Electrical data:

Operating Voltage U	250V	250V	110V	24V
Usage category	AC12	AC15	DC13	DC13
Operating current I	16A	10A	0,5A	1A

(16) Test report: 11TH0494_QX0202

(17) Special conditions for safe use:

The ambient temperature range deviates from normal ambient temperature range and amounts $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$.

Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 2 of IEC 60079-1.

Dielectric strength test is conducted according to Clause 7.1 of IEC 60079-7.

(18) Essential health and safety requirements:

Met by standards.

Certification department of explosion protection

Türkheim, November 29, 2013



D. Zitzmann

Page 2 / 2

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This certificate is internally administrated under the following number: 12.064



**BUREAU
VERITAS**



(1) **EC-Type Examination Certificate**

(2) **Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres
– Directive 94/9/EC**

(3) **EC Type Examination Certificate Number**

EPS 11 ATEX 1 400 U

Revision 1

(4) **Component:** Explosion protected signal lamp with button module type QX 0212-...

(5) **Manufacturer:** Quintex GmbH

(6) **Address:** i_Park Tauberfranken 13, D-97922 Lauda-Köngshofen, Germany

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

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies that 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 atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential report 11TH0494_QX0212

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2009

EN 60079-1:2007

EN 60079-7:2007

EN 61241-0:2004

EN 61241-1:2004

(10) The sign "U" placed behind the certificate number indicates that this certificate should not be confounded with certificates issued for equipment or protective systems. This component certificate only serves as a basis for the issuing of certificates for equipment or protective systems.

(11) This EC Type Examination Certificate relates only to the design and the construction of the specified component in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this component.

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



II 2 G Ex de IIC Gb

II 2 D Ex tD A21 IP66

Certification department of explosion protection

Türkheim, November 29, 2013

D. Zitzmann

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This certificate is internally administrated under the following number: 12.068



**BUREAU
VERITAS**

(13)

Annexe

(14) **EC Type Examination Certificate EPS 11 ATEX 1 400 U Rev.1**

(15) Description of component:

The explosion protected signal lamp is a control and indication unit for installation in doors or covers of cabinets or enclosures in kind of ignition protection increased safety "e".

The final determination of a temperature class of the enclosure takes place after complete assembly according to the specifications of EN 60079-7.

Electrical data:

Maximum voltage, push button: 250VAC/10A
24VDC/1A

Signal lamp: 12V - 250V AC/DC, P < 1W

(16) Test report: 11TH0494_QX0212

(17) Special conditions for safe use:

The ambient temperature range deviates from normal ambient temperature range and amounts $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$.

Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 2 of IEC 60079-1.

Dielectric strength test is conducted according to Clause 7.1 of IEC 60079-7.

(18) Essential health and safety requirements:

Met by standards.

Certification department of explosion protection

Türkheim, November 29, 2013



D. Zitzmann

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This certificate is internally administrated under the following number: 12.068



**BUREAU
VERITAS**



(1) **EC-Type Examination Certificate**

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres
– Directive 94/9/EC

(3) EC Type Examination Certificate Number

EPS 11 ATEX 1 399 U

Revision 1

(4) Component: Explosion protected ammeter Type QX 0205-...

(5) Manufacturer: Quintex GmbH

(6) Address: i_Park Tauberfranken 13, D-97922 Lauda-Köngishofen, Germany

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

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies that 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 atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential report 11TH0494_QX0202

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2009

EN 60079-7:2007

EN 61241-0:2004

EN 61241-1:2004

(10) The sign "U" placed behind the certificate number indicates that this certificate should not be confounded with certificates issued for equipment or protective systems. This component certificate only serves as a basis for the issuing of certificates for equipment or protective systems.

(11) This EC Type Examination Certificate relates only to the design and the construction of the specified component in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this component.

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



II 2 G Ex e II Gb

II 2 D Ex tD A21 IP66

Certification department of explosion protection

Türkheim, November 29, 2013

D. Zitzmann

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Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.
This certificate is internally administrated under the following number: 12-067



**BUREAU
VERITAS**

Annexe

(13)

(14) **EC Type Examination Certificate EPS 11 ATEX 1 399 U Rev.1**

(15) Description of component:

The explosion protected ammeter is a control and indication unit for installation in doors or covers of cabinets or enclosures in kind of ignition protection increased safety "e".

The final determination of a temperature class of the enclosure takes place after complete assembly according to the specifications of EN 60079-7.

Electrical data:

Permitted current ranges: 0-15A

Maximum permitted voltage: 690V

(16) Test report: 11TH0494_QX0202

(17) Special conditions for safe use:

The ambient temperature range deviates from normal ambient temperature range and amounts $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$.

Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 2 of IEC 60079-1.

Dielectric strength test is conducted according to Clause 7.1 of IEC 60079-7:2006.

(18) Essential health and safety requirements:

Met by standards.

Certification department of explosion protection

Türkheim, November 29, 2013



D. Zitzmann

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**BUREAU
VERITAS**



(1) **EC-Type Examination Certificate**

(2) **Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres
– Directive 94/9/EC**

(3) **EC Type Examination Certificate Number**

EPS 11 ATEX 1 398 U

Revision 1

(4) **Component:** Explosion protected potentiometer module QX 0203-...

(5) **Manufacturer:** Quintex GmbH

(6) **Address:** i_Park Tauberfranken 13, D-97922 Lauda-Köngishofen, Germany

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

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies that 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 atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential report 11TH0494_QX0203

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2009

EN 60079-1:2007

EN 60079-7:2007

EN 61241-0:2004

EN 61241-1:2004

(10) The sign "U" placed behind the certificate number indicates that this certificate should not be confounded with certificates issued for equipment or protective systems. This component certificate only serves as a basis for the issuing of certificates for equipment or protective systems.

(11) This EC Type Examination Certificate relates only to the design and the construction of the specified component in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this component.

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



II 2 G Ex de IIC Gb

II 2 D Ex tD A21 IP66

Certification department of explosion protection

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This certificate is internally administrated under the following number: 12-066



**BUREAU
VERITAS**

(13)

Annexe

(14) **EC Type Examination Certificate EPS 11 ATEX 1 398 U Rev.1**

(15) Description of component:

The explosion protected signal lamp is a for installation in doors or covers of cabinets or enclosures in kind of ignition protection increased safety "e".

The final determination of a temperature class of the enclosure takes place after complete assembly according to the specifications of EN 60079-7.

Electrical data:

Operating voltage: U = 200V

Power input: P ≤ 0.1W

(16) Test report: 11TH0494_QX0203

(17) Special conditions for safe use:

The ambient temperature range deviates from normal ambient temperature range and amounts $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$.

Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 2 of IEC 60079-1.

Dielectric strength test is conducted according to Clause 7.1 of IEC 60079-7.

(18) Essential health and safety requirements:

Met by standards.

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Türkheim, November 29, 2013



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**BUREAU
VERITAS**



(1) **EC-Type Examination Certificate**

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres
– Directive 94/9/EC

(3) EC Type Examination Certificate Number

EPS 11 ATEX 1 397 U

Revision 1

(4) Component: Explosion protected signal lamp Type QX 0202-...

(5) Manufacturer: Quintex GmbH

(6) Address: i_Park Tauberfranken 13, D-97922 Lauda-Köngshofen, Germany

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

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies that 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 atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential report 11TH0494_QX0202

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2009

EN 60079-1:2007

EN 60079-7:2007

EN 61241-0:2004

EN 61241-1:2004

(10) The sign "U" placed behind the certificate number indicates that this certificate should not be confounded with certificates issued for equipment or protective systems. This component certificate only serves as a basis for the issuing of certificates for equipment or protective systems.

(11) This EC Type Examination Certificate relates only to the design and the construction of the specified component in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this component.

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



II 2 G Ex de IIC Gb

II 2 D Ex tD A21 IP66

Certification department of explosion protection

Türkheim, November 29, 2013

D. Zitzmann

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This certificate is internally administrated under the following number: 12-065



**BUREAU
VERITAS**

Annexe

(13)

(14) **EC Type Examination Certificate EPS 11 ATEX 1 397 U Rev.1**

(15) Description of component:

The explosion protected signal lamp is a control and indication unit for installation in doors or covers of cabinets or enclosures in kind of ignition protection increased safety "e".

The final determination of a temperature class of the enclosure takes place after complete assembly according to the specifications of EN 60079-7.

Electrical data:

Supply voltage: U = 12V...250VDC

U = 12V...400VAC

Power input: P ≤ 1W

(16) Test report: 11TH0494_QX0202

(17) Special conditions for safe use:

The ambient temperature range deviates from normal ambient temperature range and amounts $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$.

Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 2 of IEC 60079-1.

Dielectric strength test is conducted according to Clause 7.1 of IEC 60079-7.

(18) Essential health and safety requirements:

Met by standards.

Certification department of explosion protection

Türkheim, November 29, 2013



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This certificate is internally administrated under the following number: 12.065