



(1) EC-TYPE-EXAMINATION CERTIFICATE (Translation)

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

(3) EC-type-examination Certificate Number:

PTB 98 ATEX 1122



(4) Equipment: Pendant Lighting Fitting Type d 6300/...

(5) Manufacturer: Adolf Schuch GmbH

(6) Address: D-67547 Worms, Mainzer Straße 172

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

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 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 to the Directive.

The examination and test results are recorded in the confidential report PTB Ex 99-18110.

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

EN 50014:1997

EN 50018:1994

EN 50019:1994

(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 construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

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



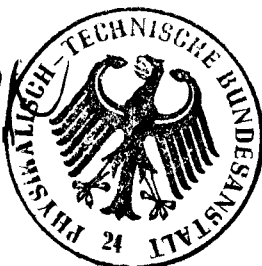
II 2 G EEx de IIC T6 resp. T5 resp. T4

Zertifizierungsstelle Explosionsschutz

Braunschweig, March 17, 1999

By order:

Dr.-Ing. U. Klausmeyer
Oberregierungsrat



Sheet 1/3

(13)

SCHEDULE

(14)

EC-TYPE-EXAMINATION CERTIFICATE PTB 98 ATEX 1122

(15) Description of equipment

The pendant lighting fitting consists of a lamp compartment of the type of protection flameproof enclosure and a connection compartment of the type of protection increased safety. The lamp compartment consists of an aluminium housing and a wellglas which is combined with the aluminium housing by sealing compound.

Technical Data

Range of permitted ambient temperature: -20 °C up to +40 °C/+50 °C – pls see table.

Rated voltage: 110 V ... 277 V (AC)
110 V ... 250 V (DC)

Rated frequency: 0 Hz, 50 Hz, 60 Hz

Kind of lamp	Lamp wattage [W]	T _{amb} [°C]	Mounting method pendant	Temperature class	Cable min. thermal endurance [°C]	Cable entry min. thermal endurance [°C]
HME	250	50	tilted up to 40°	T4	100	90
HME	250	40	tilted up to 40°	T4	90	80
HME	125	50	tilted up to 40°	T4	90	80
HSE	250	50	tilted up to 40°	T4	100	90
HSE	250	40	tilted up to 40°	T4	90	80
HSE	150	50	vertically beaming to bottom	T5	80	70
HSE	100	50	vertically beaming to bottom	T5	80	70
HIE	250	50	tilted up to 40°	T4	90	80
HIE	250	40	tilted up to 40°	T4	80	70
HIE	150	50	tilted up to 40°	T5	80	70
HIE	150	40	tilted up to 40°	T5	70	70
HIE	100	50	tilted up to 40°	T5	80	70

Kind of lamp	Lamp wattage [W]	T _{amb} [°C]	Mounting method pendant	Temperature class	Cable min. thermal endurance [°C]	Cable entry min. thermal endurance [°C]
HWL / ML	250	50	tilted up to 40°	T4	80	80
HWL / ML	160	50	tilted up to 40°	T4	80	80
HWL / ML	100	50	tilted up to 40°	T5	80	80
QL	165	40	vertically beaming to bottom	T6	70	70
QL	165	40	tilted up to 40°	T5	70	70
QL	85	40	tilted up to 40°	T6	70	70
TC	42	50	tilted up to 40°	T6	70	70
TC	32	50	tilted up to 40°	T6	70	70
TC	2 x 26	50	tilted up to 40°	T6	70	70

(16) Test Report PTB Ex 99-18110

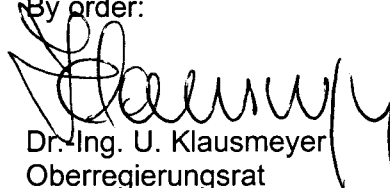
(17) Special conditions for safe use
not applicable

(18) Essential Health and Safety Requirements
Covered by the before-mentioned standards.

Zertifizierungsstelle Explosionsschutz

Braunschweig, March 17, 1999

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Dr.-Ing. U. Klausmeyer
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