



Translation

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

(2) **-Directive 94/9/EC-**

Equipment and protective systems intended for use
in potentially explosive atmospheres

(3) **DMT 97 ATEX E 004**

(4) **Equipment:** Ex-Luminaire Type ESL26-Ex

(5) **Manufacturer:** F.H. Papenmeier GmbH & Co. KG

(6) **Address:** D 58239 Schwerte

(7) The design and construction of this equipment and any acceptable variation thereto are specified in the schedule to this examination certificate.

(8) The certification body of DMT-Gesellschaft für Forschung und Prüfung mbH, notified body no. 0158 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 test and assessment report BVS PP 97.2010 EG.

(9) The Essential Health and Safety Requirements are assured by compliance with:

DIN EN 50014 (VDE 0170/0171 part 1/3.94) and
DIN EN 50018 (VDE 0170/0171 part 5/3.95) and
DIN EN 50019 (VDE 0170/0171 part 6/3.96)

(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. Further requirements of Directive 94/9/EC apply to the manufacture and placing on the market of this equipment.

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

II 2G EEx de IIC T3/T4

DMT-Gesellschaft für Forschung und Prüfung mbH

Essen, dated 6. November 1997

Signed Dr. Jockers

Signed: Dr. Dill

Head of certification body

Head of special services unit

(13)

Appendix to

(14)

EC-Type Examination Certificate

DMT 97 ATEX E 004

 (15) 15.1 Description

The main casing of luminaire type ESL26-Ex is built to ignition protection rating Flameproof "d", whilst the attached terminal box is built to ignition protection rating increased Safety "e".

The luminaire is fitted with Halogen lamps for nominal voltages from 12 V to 240 V. Certain luminaire versions are fitted with integral transformers. Furthermore, the luminaire can also have a time delay module built into it.

15.2 Electrical, Mechanical and Thermal Parameters:

15.2.1 Nominal Voltage of the luminaire	AC/DC	12 V
	or AC/DC	24 V
	or AC	120 V
	or AC	230 V
	or AC	240 V

15.2.1 Temperature class allocation

Fitted Halogen Lamp			max. ambient temperature	min. ambient temperature	Temp class
type		socket			
12 V	20 W	GY6.35	+60° C	-20° C	T4
24 V	20 W	G4	+60° C	-20° C	T4
120 V/12 V	20 W	GY6.35	+60° C	-20° C	T4
230 V/12 V	20 W	GY6.35	+60° C	-20° C	T4
240 V/12 V	20 W	GY6.35	+60° C	-20° C	T4
12 V	35 W	GY6.35	+40° C	-20° C	T4
230 V	40 W	E14	+40° C	-20° C	T3
12 V	50 W	GY6.35	+40° C	-20° C	T3
24 V	50 W	GY6.35	+40° C	-20° C	T3

 (16) Test report

No. BVS PP 97.2010 EG , dated 06.11.1997, 26 pages

 (17) Special conditions for safe use

none