

1. Addendum

(Addendum to guidelines 94/9/EG annex III number 6)

for the EG Prototype technical release certificate. DMT 02 ATEX E 256

Device: Thermic switch Type TS/**


Manufacturer: Grünewald GmbH

Address: D – 59069 Hamm

Description

The thermic switch can be manufactured according to the test report and receives the following nomenclature:

Thermic switch Type TS/**

	Switch temperature 40°/50°/60°/80°C
L	= Cable length (max 10m)
RL	= version with cable monitoring resistors and connection cable (max 10m)
B	= Socket connector Type BN 41****
BL	= version with cable monitoring resistors and Socket connector Type BN 41****
EL	= version with cable monitoring end element and connection cable (max 10m)

If the thermic switch is supplemented with a cable monitoring end element, it receives the following nomenclature: TS/EL*

The basic health and safety regulations as well as environmental regulations regarding the device have been achieved and are according with

EN 50014:1997 + A1 – A2 General terms
EN 50020:2002 Intrinsically safe "i"

Characteristics

- Version TS/L*, TS/B*, TS/BL*, TS/RL*
unchanged
- Version TS/EL*

Voltage	U_i	24 V
Current	I_i	200 mA
Power	P_i	500 mW
Internal effective capacity	C_i	negliable
Internal effective induction	L_i	negliable
- Surrounding temperature area: $-20^{\circ}\text{C} \leq T_a \leq + 80^{\circ}\text{C}$

Test certificate

BVS PP 02.1146 EG, revision 16.04.2004

EXAM BBG testing and certification GmbH

Bochum, the 16th of April 2004

Certification centre

Department