

inert gas filled thermometers, all stainless steel construction, ATEX versions, DS 4", 6" (100-150 mm)

TG8

RB1 - 02/09

Versions	
2G3	2D3
II	II
2	2
G	
	GD
T6	T6
	IP65

Group: all the installations, with exclusion of mines
Category: high level of protection
Explosive atmosphere: inflammable gases
Explosive atmosphere: inflammable gases and dusts
Temperature class: 85°C
Enclosure protection



These instruments are designed for explosive atmospheres in food, processing, pharmaceutical, petrochemical industries and conventional and nuclear power plants. They are in conformity with the essential Health and Safety Requirements laid down in European Directive 94/9/EC for Group II, Category 2G or 2GD equipment in the T1...T6 temperature classes.
 They are NOT suitable for ZONES 0 and 20.

2G3 Version , Gas

They are available as **standard** or **fillable** version, 4" and 6" (DS 100-150 mm).

They keep the same functional and constructive features as TG8 model. They differ from them as follows :

Ambient temperature: -4...+140 °F (-20...+60 °C).

Max process fluid temperature "Tp": see table (measured on the lowest point of socket).

Windows: high resistance safety glass.

Dial marking: CE Ex II 2G c T6X TF3, model name and serial/lot number.

Special dial: ranges different from standard, custom artworks and dials without Nuova Fima logo are not available.

Options: plexiglas or tempered glass windows, electric contacts and accessories and overtemperature are not available.

Included documentation: Installation manual.

Class	Tp
T6 : 185°F (85°C)	176°F (80°C)
T5 : 212°F (100°C)	203°F (95°C)
T4 : 275°F (135°C)	266°F (130°C)
T3 : 392°F (200°C)	383°F (195°C)
T2 : 572°F (300°C)	554°F (290°C)
T1 : 842°F (450°C)	824°F (440°C)

2D3 Version , Gas and Dust

They are available as **standard** or **fillable** version, 4" and 6" (DS 100-150 mm).

They keep the same functional and constructive features as TG8 model. They differ from them as follows :

Damping liquids: glycerine 98%, silicon oil.

Ambient temperature:

+59...+140 °F (+15...+60 °C) for glycerine filling;
 -4...+140 °F (-20...+60 °C) for silicon oil filling.

Max process fluid temperature "Tp": see table (measured on the lowest point of socket).

Windows: high resistance safety glass.

Dial marking: CE Ex II 2GD c T6X TF3 IP65 T85°C, model name and serial/lot number.

Special dial: ranges different from standard, custom artworks and dials without Nuova Fima logo are not available.

Options: plexiglas or tempered glass windows and overtemperature are not available.

Included documentation: Installation manual.

Technical File: TF3 - Rev. 0/2005.

NUOVA FIMA

-1-

NUOVA FIMA S.p.A. - www.nuovafima.com
 P.O. BOX 58 - VIA C. BATTISTI 59 - 28045 INVORIO (NO) ITALY
 TEL. +39 0322 253200 - FAX +39 0322 253232

ISO 9002
 Cert. n° 0433



IN ORDER TO IMPROVE THEIR PRODUCTION, MESSRS. NUOVA FIMA RESERVE THE RIGHT TO THEMSELVES TO MAKE ALL THE MODIFICATIONS THAT THEY DEEM INDISPENSABLE AT ANY TIME. UPDATED DATA SHEETS ARE AVAILABLE ON SITE: www.nuovafima.com