



European
Explosion
Protection Mark
ATEX

II

Equipment
Group

- I = Mining
- II = Non-mining

2

Equipment Category

- M1 = Energised*
- M2 = De-Energised*
- 1 = Very high protection
- 2 = High protection
- 3 = Normal protection

* in the presence of an
explosive atmosphere

GD

Gas or Dust

GAS	DUST
0	20
1	21
2	22

Ex d IIB

Protection Method

- o = Oil filled
- p = Pressurisation
- q = Powder Filled
- d = Flameproof
- e = Increased safety
- ia = Intrinsic safety (zone 0)
- ib = Intrinsic safety (zone 1 & 2)
- m = Encapsulation
- nA = Non sparking
- nR = Restricted breathing
- nC = Enclosed break

Gas Group

- I = Methane
- IIA = Propane
- IIB = Ethylene
- IIC = Hydrogen

T5

Temperature Class

- T1 = 450°C
- T2 = 300°C
- T3 = 200°C
- T4 = 135°C
- T5 = 100°C
- T6 = 85°C



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