

# Diş ölçülerinin karşılaştırılması Comparison between threads

ISO 7/1 Rp ISO 7/1 Rc UNI 6125-74 NPT	ISO metrik ISO metric	PG DIN 40430
3/8"	M16	PG 9 - PG 11
1/2"	M20	PG 13.5 - PG 16
3/4"	M25	PG 21
1"	M32	PG 29
1 1/4"	M40	PG 36
1 1/2"	M50	PG 42
2"	M63	PG 48
2 1/2"	M75	-
3"	M90	-
4"	-	-

# ATEX İşaretleme Sistemi ATEX Marking

İmalatçı ve adres  
Manufacturer and address

Ex koruma modu  
Ex protection mode



EC tipi sertifikaların numarası  
Number of EC type examination certificate

Ortam sıcaklığına ek olarak Ta < -20C Ta > +40C  
Addition range of ambient temperature Ta < -20C Ta > +40C

Gözetim için bildirilen tanım  
Notified body for surveillance

2	II	G	D
Grup Group	Kategori Category	Gaz ortamı Gas atmosphere	Toz ortamı Dust atmosphere

KEMA



(1) EC-TYPE EXAMINATION CERTIFICATE

(2) Equipment or protective system intended for use in potentially explosive atmospheres - Directive 94/9/EC

(3) EC-Type Examination Certificate Number: KEMA 01ATEX2126

(4) Equipment or protective system: Lighting Fixtures Series EVF

(5) Manufacturer: CO.SIME. S.R.L.

(6) Address: Via Asiago, 51, 20128 Milan, Italy

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

(8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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 confidential report no. 2011611.

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

EN 50014: 1997 EN 50018: 2000 EN 50281-1-1: 1998

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system 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, examination and tests of the specified equipment or protective system according to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

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

II 2 GD EEx d IIC T6 ... T4 T 80 °C ... T 130 °C

Amhem, 28 June 2002  
KEMA Quality B.V.

L.M.J. Vries  
Certification Manager

\* This Certificate may only be reproduced in its entirety and without any change



CESI

(1) EC-TYPE EXAMINATION CERTIFICATE

(2) Equipment or Protective System intended for use in potentially explosive atmospheres - Directive 94/9/EC

(3) EC-Type Examination Certificate number: CESI 01 ATEX 037

(4) Equipment: Sockets series FSQ... and plugs series RP.

(5) Manufacturer: CO.SIME, S.r.l.

(6) Address: via Asiago 51, 20128 - Milano -

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

(8) CESI notified body n. 0722 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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 confidential report n. EX-A1015553

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

EN 50014: 1997 + A1, A2 EN 50018: 2000

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system 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, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

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

II 2 G EEx d IIC T5

This certificate may only be reproduced in its entirety and without any change, schedule included.

date 17 May 2001 - translation issued on 12 November 2001

prepared CERT - D. Parazzoli

verified CERT - M. Balaz

approved CERT - U. Colombo

CESI  
CENTRO ELETTROTECNICI SPERIMENTALE ITALIANO  
Business Unit Certification

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**Patlama riski teşkil eden ortamlar için elektriksel bilgiler (maden ocakları dışında)**  
**Electrical apparatus for explosive gas atmospheres (other than mines)**

**Bölgelere göre elektrik malzeme seçimi**

Elektrik malzemesi kullanılacak alan

**bölge 0**

**Koruma tipleri :**

EN 50020 standartlarına uyum

(“ia” kategorisi – kendinden emniyetli koruma )

Elektrik malzemesi kullanılacak alan

**bölge 1**

**Koruma tipleri :**

“d” EN 50018  
“p” EN 50016  
“q” EN 50017  
“o” EN 50015  
“e” EN 50019  
“i” EN 50020  
“m” EN 50028

Elektrik malzemesi kullanılacak alan

**bölge 2**

**Koruma tipleri :**

bölge 0 ve bölge 1 için tüm koruma tipleri

“n” EN 50021

yada EN 60079-14 standartlarında belirlenmiş elektriksel yardımcı elemanlar

**Selection of electrical apparatus according to zones**

Electrical apparatus for use in

**zone 0**

**Types of protections :**

In accordance with standard EN 50020

(category “ia” - intrinsic safety)

Electrical apparatus for use in

**zone 1**

**Types of protections :**

“d” EN 50018  
“p” EN 50016  
“q” EN 50017  
“o” EN 50015  
“e” EN 50019  
“i” EN 50020  
“m” EN 50028

Electrical apparatus for use in

**zone 2**

**Types of protections :**

All types of protection for zone 0 and zone 1

“n” EN 50021

or electrical apparatus as specified in standard EN 60079-14

**Yanıcı tozların bulunduğu kullanımlar için elektriksel yardımcı elemanlar**  
**Electrical apparatus for use in the presence of combustible dust**

**Alanlara göre elektiriksel yardımcı eleman seçimi**

Yardımcı elemanlar EN 50281-1-2 standartlarında belirlenmiş şartlara göre seçilmiş olacaktır.

**Selection of electrical apparatus according to zones**

The apparatus shall be selected taking into account the conditions as specified in standard EN 50281-1-2

Bölgeler Zones	Bölge 20 Zone 20	Yanıcı tozlar ile bölge 21 – bölge 22 Zone 21 – zone 22 with conductive dust	Bölge 22 Zone 22
(EN 60529)	IP 6X	IP 6X	IP 5X
İşaretmenmiş/ Marking	II 1 D	II 2 D	II 3 D

ATEX kategorisi ATEX category	Koruma seviyesi Level of protection	Tasarım gereksinimleri Design requirement	Uygulama alanı Application area	Bölge Zone
1	Çok yüksek seviye Yüksek seviye Very high level High level	İki ayrı hata ile kullanımdaki koruma ve güvenlik iki bağımsız ile ifade edilir. Two independent means of protection or safe in use with two separate faults.	Patlama riskinin sürekli olduğu ortamları. Where explosive atmospheres are continuously present or present for long periods.	bölge 0 bölge20 zone 0 zone 20
2	Yüksek seviye High level	Hata veya sıklıkla karışıklığa neden olan kullanımdaki güvenlik. Safe in use with a fault or with frequently occurring disturbances.	Patlama riskinin normal işletme şartlarında olduğu ort. Where explosive atmospheres is likely to occur.	bölge 1 bölge 21 zone 1 zone 21
3 Normal level	Normal seviye	Olağan işlemler süresince güvenlik Safe during normal operations.	Patlama riskinin nadiren olduğu ortamalar Kısa periyotlarda gerçekleşir. Where explosive atmospheres are likely to occur infrequently and be for short period only.	bölge 2 bölge 22 zone 2 zone 22

Sıcaklık sınıfı Temperature class	T	T1	T2	T3	T4	T5	T6
Temp. [ °C ]		450	300	200	135	100	85