



# 中国国家强制性产品认证证书

编号: 2021312313000344

委 托 人	Pepperl+Fuchs SE
地 址	Lilienthalstrasse 200 68307 Mannheim,Germany
生 产 者	Pepperl+Fuchs SE
地 址	Lilienthalstrasse 200 68307 Mannheim,Germany
生 产 企 业	Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
生 产 地 址	S.S Bakir Piring Sanayi Sitesi Leylak Caddesi no:16 TR - 34524 Beylikdüzü – Istanbul,Turkey
产 品 名 称	电缆引入装置
型 号 规 格	CG.NA.xx.x.x.x, CG.CO.xx.x.x.x, CG.EM.xx.x.x.x
防 爆 标 志	Ex d IIC Gb, Ex e IIC Gb, Ex tD A21 IP66/68
依 据 标 准	GB3836.1-2010, GB3836.2-2010, GB3836.3-2010, GB12476.1-2013, GB12476.5-2013

认 证 模 式 型式试验+初始工厂检查+获证后监督

上述产品符合 CNCA-C23-01: 2019 《强制性产品认证实施规则 防爆电气》  
和 CNEX-C2301-2019 《强制性产品认证实施细则 防爆电气》的要求。

产品相关信息见附页 (共 6 页) 。

颁发日期 2021 年 04 月 24 日

有效期至 2026 年 04 月 23 日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

主任: 穆大玉



南阳防爆电气研究所有限公司



中国认可  
产品  
PRODUCT  
CNAS C208-P

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CN 0010998



# 中国国家强制性产品认证证书 (附页)

编号: 2021312313000344

第 1 页 共 6 页

## 产品相关信息:

1. 本证书覆盖产品如下:

- CG.NA.xx.x.x.x, CG.CO.xx.x.x.x, CG.EM.xx.x.x.x

CG.NA.xx.x.x.x 适用于非铠装弹性和塑料绝缘电缆。

CG.CO.xx.x.x.x 适用于被柔性金属导管保护的非铠装电缆。

CG.EM.xx.x.x.x 适用于屏蔽电缆, 通过内部屏蔽环给带屏蔽层的电缆提供 EMC 保护。

具体规格请见下表:

CG.NA	.	X	X	.	X	.	X	.	X
CG.EM	.	X	X	.	X	.	X	.	X
CG.CO	.	X	X	.	X	.	X	.	X
	.	1	2	.	3	.	4	.	5

1	螺纹类型: "NPT" - NPT "M" - 公制, 螺距1.5mm
2	尺寸
3	材质: "BN" - 黄铜镀镍 "SS" - 不锈钢
4	密封圈材质: "C" - 氯丁橡胶(氯丁二烯) "S" - 硅橡胶
5	最小螺纹长度 (mm)

颁发日期 2021年04月24日

主任:



南阳防爆电气研究所有限公司



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# 中国国家强制性产品认证证书 (附页)

编号: 2021312313000344

第 2 页 共 6 页

CG.NA.xx.x.x 系列规格:

CG.NA.xx.x.x							
型号		最小-最大电缆规格 Ø [mm]	扭矩值 [Nm]			适用于	
CG.NA.Mx.x.x.x	CG.NA.NPTx.x.x.x		S1+S2+S3 三层密封圈	S1+S2 双层密封圈	S1 单层密封	Ex d	Ex e Ex tD
CG.NA.M8.x.x.5	-	2-4	-	-	4	x	√
CG.NA.M12.x.x.16	CG.NA.NPT1/4.x.x.16	4-8	20	18	-	x	√
CG.NA.M16S.x.x.16	CG.NA.NPT3/8S.x.x.16	3-9	-	25	18	√	√
CG.NA.M16.x.x.16	CG.NA.NPT3/8.x.x.16	4-12	20	18	16	√	√
CG.NA.M20XS.x.x.16	CG.NA.NPT1/2XS.x.x.16	3-9	-	25	18	√	√
CG.NA.M20S.x.x.16	CG.NA.NPT1/2S.x.x.16	4-12	20	18	16	√	√
CG.NA.M20.x.x.16	CG.NA.NPT1/2.x.x.16	10-16	25	22	18	√	√
CG.NA.M25XS.x.x.16	CG.NA.NPT3/4XS.x.x.16	4-12	20	18	16	√	√
CG.NA.M25S.x.x.16	CG.NA.NPT3/4S.x.x.16	10-18	25	22	18	√	√
CG.NA.M25.x.x.16	CG.NA.NPT3/4.x.x.16	14-20	28	23	-	√	√
CG.NA.M32XS.x.x.16	CG.NA.NPT1XS.x.x.20	10-18	25	22	18	√	√
CG.NA.M32S.x.x.16	CG.NA.NPT1S.x.x.20	14-24	28	23	20	√	√
CG.NA.M32.x.x.16	-	22-28	56	50	35	√	√
-	CG.NA.NPT1.x.x.20	22-28	56	50	-	√	√
CG.NA.M40XS.x.x.18	CG.NA.NPT1-1/4XS.x.x.20	14-24	28	23	20	√	√
CG.NA.M40S.x.x.18	CG.NA.NPT1-1/4S.x.x.20	22-32	56	50	45	√	√
CG.NA.M40.x.x.18	CG.NA.NPT1-1/4.x.x.20	26-34	57	55	52	√	√
CG.NA.M50XS.x.x.18	CG.NA.NPT1-1/2XS.x.x.20	22-32	56	50	45	√	√
CG.NA.M50S.x.x.18	CG.NA.NPT1-1/2S.x.x.20	26-35	57	55	52	√	√
CG.NA.M50.x.x.18	-	35-44	190	155	140	√	√

颁发日期 2021 年 04 月 24 日

主任: 穆大玉



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# 中国国家强制性产品认证证书 ( 附页 )

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-	CG.NA.NPT1-1/2.x.x.20	35-44	190	155	-	√	√
CG.NA.M63XS.x.x.18	CG.NA.NPT2XS.x.x.20	26-35	57	55	52	√	√
CG.NA.M63S.x.x.18	CG.NA.NPT2S.x.x.20	35-45	190	155	140	√	√
CG.NA.M63.x.x.18	-	46-56	160	145	135	√	√
-	CG.NA.NPT2.x.x.20	46-56	160	145	-	√	√
CG.NA.M75XS.x.x.20	CG.NA.NPT2-1/2XS.x.x.21	35-45	190	155	140	√	√
CG.NA.M75S.x.x.20	CG.NA.NPT2-1/2S.x.x.21	46-62	185	175	150	√	√
CG.NA.M75.x.x.20	-	60-69	123	118	-	√	√
-	CG.NA.NPT2-1/2.x.x.21	60-64	123	-	-	√	√
CG.NA.M90XS.x.x.20	CG.NA.NPT3XS.x.x.21	46-62	185	175	150	√	√
CG.NA.M90S.x.x.20	CG.NA.NPT3S.x.x.21	60-75	123	118	110	√	√
CG.NA.M90.x.x.20	-	75-82	135	130	125	√	√
-	CG.NA.NPT3.x.x.21	75-82	135	130	-	√	√
CG.NA.M100XS.x.x.20	CG.NA.NPT4XS.x.x.21	60-75	123	118	110	√	√
CG.NA.M100S.x.x.20	CG.NA.NPT4S.x.x.21	75-85	135	130	125	√	√
CG.NA.M110.x.x.20	CG.NA.NPT4.x.x.21	85-95	180	175	170	√	√
CG.NA.M115S.x.x.24	-	75-85	135	130	125	√	√
CG.NA.M115.x.x.24	-	85-95	180	175	170	√	√
CG.NA.M115L.x.x.24	-	95-105	450	450	450	√	√
-	CG.NA.NPT4L.x.x.21	95-101	450	450	-	√	√
CG.NA.M130.x.x.24	-	105-115	526	500	535	√	√
-	CG.NA.NPT5.x.x.27	95-105	450	450	450	√	√
-	CG.NA.NPT5L.x.x.27	105-115	526	500	535	√	√

CG.CO.xx.x.x.x 系列规格:

CG.CO.xx.x.x.x			
型号	最小-最	扭矩值 [Nm]	适用于

颁发日期 2021 年 04 月 24 日

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# 中国国家强制性产品认证证书 (附页)

编号: 2021312313000344

第 4 页 共 6 页

CG.CO.Mx.x.x.x	CG.CO.NPTx.x.x.x	大电缆规格 Ø [mm]	S1+S2+S3 三层密封圈	S1+S2 双层密封圈	S1 单层密封圈	Ex d	Ex e Ex tD
CG.CO.M12.x.x.16	CG.CO.NPT1/4.x.x.16	4-8	20	18	-	x	√
CG.CO.M16S.x.x.16	CG.CO.NPT3/8S.x.x.16	3-9	-	25	18	√	√
CG.CO.M16.x.x.16	CG.CO.NPT3/8.x.x.16	4-12	20	18	16	√	√
CG.CO.M20S.x.x.16	CG.CO.NPT1/2S.x.x.16	3-9	-	25	18	√	√
CG.CO.M20.x.x.16	CG.CO.NPT1/2.x.x.16	4-12	20	18	16	√	√
CG.CO.M20L.x.x.16	CG.CO.NPT1/2L.x.x.16	10-16	25	22	18	√	√
CG.CO.M25.x.x.16	CG.CO.NPT3/4.x.x.16	10-18	25	22	18	√	√
CG.CO.M25L.x.x.16	CG.CO.NPT3/4L.x.x.16	14-20	28	23	-	√	√
CG.CO.M32.x.x.16	CG.CO.NPT1.x.x.20	14-24	28	23	20	√	√
CG.CO.M32L.x.x.16	CG.CO.NPT1L.x.x.20	22-28	56	50	35	√	√
CG.CO.M40.x.x.18	CG.CO.NPT1-1/4.x.x.20	22-32	56	50	45	√	√
CG.CO.M40L.x.x.18	CG.CO.NPT1-1/4L.x.x.20	26-34	57	55	52	√	√
CG.CO.M50.x.x.18	CG.CO.NPT1-1/2.x.x.20	26-35	57	55	52	√	√
CG.CO.M50L.x.x.18	CG.CO.NPT1-1/2L.x.x.20	35-44	190	155	140	√	√
CG.CO.M63.x.x.18	CG.CO.NPT2.x.x.20	35-45	190	155	140	√	√
CG.CO.M75.x.x.20	CG.CO.NPT2-1/2.x.x.21	46-59	185	175	150	√	√

CG.EM.xx.x.x.x 系列规格:

CG.EM.xx.x.x.x			
型号	最小-最大电缆规格	扭矩值 [Nm]	适用于

颁发日期 2021 年 04 月 24 日

主任:



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CG.EM.Mx.x.x.x	CG.EM.NPTx.x.x.x	格 Ø [mm]	S1+S2+S3 三层密封圈	S1+S2 双层密封圈	S1 单层密封圈	Ex d	Ex e Ex tD
CG.EM.M16S.x.x.16	CG.EM.NPT3/8S.x.x.16	4-8	-	25	18	√	√
CG.EM.M16.x.x.16	CG.EM.NPT3/8.x.x.16	4-8	-	25	18	√	√
CG.EM.M20.x.x.18	CG.EM.NPT1/2.x.x.18	4-12	20	18	16	√	√
CG.EM.M25.x.x.16	CG.EM.NPT3/4.x.x.16	10-18	25	22	18	√	√
CG.EM.M32.x.x.19	CG.EM.NPT1.x.x.20	14-24	28	20	18	√	√
CG.EM.M40.x.x.20	CG.EM.NPT1-1/4.x.x.20	22-32	56	50	45	√	√
CG.EM.M50.x.x.20	CG.EM.NPT1-1/2.x.x.20	26-35	57	55	52	√	√
CG.EM.M63.x.x.20	CG.EM.NPT2.x.x.20	35-45	190	155	140	√	√
CG.EM.M75.x.x.20	CG.EM.NPT2-1/2.x.x.21	42-62	185	175	150	√	√
CG.EM.M90.x.x.20	CG.EM.NPT3.x.x.21	60-75	123	118	110	√	√
CG.EM.M100.x.x.20	CG.EM.NPT4.x.x.21	75-85	135	130	125	√	√
CG.EM.M110.x.x.20	CG.EM.NPT4L.x.x.21	85-95	180	175	170	√	√

电缆引入装置适用于以下环境温度范围:

系列:	Ex e-Ex tD:	Ex d:
CG.NA.xx.x.x.x CG.CO.xx.x.x.x CG.EM.xx.x.x.x	氯丁橡胶密封圈: -40℃~+80℃ 硅橡胶密封圈: -60℃~+140℃	氯丁橡胶密封圈: -40℃~+80℃ 硅橡胶密封圈: -60℃~+80℃

防爆标志: Ex d IIC Gb, Ex e IIC Gb, Ex tD A21 IP66/68

- 生产者应按照认证机构批准的技术文件组织生产。

2. 安全使用条件:

颁发日期 2021 年 04 月 24 日

主任: 穆大玉



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# 中国国家强制性产品认证证书 (附页)

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第 6 页 共 6 页

- 电缆引入装置仅适用于固定安装, 必须有效加紧电缆以防止拉力和扭矩。
  - 为了保证安装电缆引入装置的电气设备的保护类型, 电缆引入装置在外壳上的安装以及夹紧螺帽的扭矩值应参照制造商说明书要求。
  - 电缆引入装置的安装应按照制造商说明书进行, 以确保保护等级。安装电缆引入装置时, 必须保证安装位置的温度应在本证书声明的工作温度范围内。
  - 当电缆引入装置安装有聚酰胺盲堵 BP.NA.\*.PA 时, 须考虑机械风险, 这取决于电缆引入装置和盲堵。最高工作温度限制到 70°C。为了安装正确的电缆而卸下盲堵, 必须检查密封圈的完整性, 以确保密封性, 必要时密封圈须更换为新备件 (仅限原厂备件)。应采取必要的预防措施以防止机械损坏。盲堵仅适用于低冲击机械风险 (4J)。
  - 其他信息见产品使用说明书。
3. 证书关联报告:
- 产品型式试验报告: CQST2104C003
  - 工厂检查报告: CN2021Q010125
4. 证书变更信息: 无

颁发日期 2021 年 04 月 24 日

主任: 穆大玉



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# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000344

**Applicant** Pepperl+Fuchs SE  
**Address** Lilienthalstrasse 200, 68307 Mannheim, Germany  
**Manufacturer** Pepperl+Fuchs SE  
**Address** Lilienthalstrasse 200, 68307 Mannheim, Germany  
**Production Factory** Bimed Teknik Aletler Sanayi Ve Ticaret A.S.  
**Production Address** S.S Bakir Pirinç Sanayi Sitesi Leylak Caddesi no:16 TR - 34524  
Beylikdüzü – Istanbul, Turkey  
**Product** Cable Glands  
**Model/Type** CG.NA.xx.x.x.x, CG.CO.xx.x.x.x, CG.EM.xx.x.x.x  
**Ex marking** Ex d IIC Gb, Ex e IIC Gb, Ex tD A21 IP66/68  
**Reference Standards** GB3836.1-2010, GB3836.2-2010, GB3836.3-2010,  
GB12476.1-2013, GB12476.5-2013

**Certification mode** Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEC-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (6 pages).

Issued on: 2021-04-24

Valid to: 2026-04-23

The validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the original Chinese version, the Chinese version shall prevail.

Director:



Nanyang Explosion Protected Electrical  
Apparatus Research Institute Co.,Ltd.



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CN 0000606





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000344

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**Product information:**

1. This certificate covers the following models:

- CG.NA.xx.x.x.x, CG.CO.xx.x.x.x, CG.EM.xx.x.x.x

CG.NA.xx.x.x.x are intended for use with non-armored elastomer and plastic insulated cables providing a combined flameproof seal and environmental seal on the cable outer sheath.

CG.CO.xx.x.x.x are intended for use with non-armored cables which are protected in flexible metallic conduits.

CG.EM.xx.x.x.x are intended to be used with shielded cables where the shield will be connected to the inner shielding ring of the gland in order to provide the necessary EMC protection

See the following table for detailed type designation:

CG.NA	.	x	x	.	x	.	x	.	x
CG.EM	.	x	x	.	x	.	x	.	x
CG.CO	.	x	x	.	x	.	x	.	x
		1	2	.	3	.	4	.	5

1	Thread type: "NPT" – NPT "M" – Metric pitch 1,5
2	Size
3	Body material: "BN" – nickel plated brass "SS" – stainless steel
4	Sealing ring: "C" – Neoprene (Chloroprene) "S" – Silicone
5	Min. thread length (mm)

Issued on: 2021-04-24

Director:



**Nanyang Explosion Protected Electrical  
Apparatus Research Institute Co.,Ltd.**





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

## (Annex)

No.: 2021312313000344

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Type CG.NA.xx.x.x.x specification:

CG.NA.xx.x.x.x		Min-max cable Ø [mm]	Torque value [Nm]			Suitable for	
Model			S1+S2 triple sealing ring	S1+S2 double sealing ring	S1 single sealing ring	Ex d	Ex e Ex tD
CG.NA.Mx.x.x.x	CG.NA.NPTx.x.x.x						
CG.NA.M8.x.x.5	-	2-4	-	-	4	no	yes
CG.NA.M12.x.x.16	CG.NA.NPT1/4.x.x.16	4-8	20	18	-	no	yes
CG.NA.M16S.x.x.16	CG.NA.NPT3/8S.x.x.16	3-9	-	25	18	yes	yes
CG.NA.M16.x.x.16	CG.NA.NPT3/8.x.x.16	4-12	20	18	16	yes	yes
CG.NA.M20XS.x.x.16	CG.NA.NPT1/2XS.x.x.16	3-9	-	25	18	yes	yes
CG.NA.M20S.x.x.16	CG.NA.NPT1/2S.x.x.16	4-12	20	18	16	yes	yes
CG.NA.M20.x.x.16	CG.NA.NPT1/2.x.x.16	10-16	25	22	18	yes	yes
CG.NA.M25XS.x.x.16	CG.NA.NPT3/4XS.x.x.16	4-12	20	18	16	yes	yes
CG.NA.M25S.x.x.16	CG.NA.NPT3/4S.x.x.16	10-18	25	22	18	yes	yes
CG.NA.M25.x.x.16	CG.NA.NPT3/4.x.x.16	14-20	28	23	-	yes	yes
CG.NA.M32XS.x.x.16	CG.NA.NPT1XS.x.x.20	10-18	25	22	18	yes	yes
CG.NA.M32S.x.x.16	CG.NA.NPT1S.x.x.20	14-24	28	23	20	yes	yes
CG.NA.M32.x.x.16	-	22-28	56	50	35	yes	yes
-	CG.NA.NPT1.x.x.20	22-28	56	50	-	yes	yes
CG.NA.M40XS.x.x.18	CG.NA.NPT1-1/4XS.x.x.20	14-24	28	23	20	yes	yes
CG.NA.M40S.x.x.18	CG.NA.NPT1-1/4S.x.x.20	22-32	56	50	45	yes	yes
CG.NA.M40.x.x.18	CG.NA.NPT1-1/4.x.x.20	26-34	57	55	52	yes	yes
CG.NA.M50XS.x.x.18	CG.NA.NPT1-1/2XS.x.x.20	22-32	56	50	45	yes	yes
CG.NA.M50S.x.x.18	CG.NA.NPT1-1/2S.x.x.20	26-35	57	55	52	yes	yes
CG.NA.M50.x.x.18	-	35-44	190	155	140	yes	yes

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-	CG.NA.NPT1-1/2.x.x.20	35-44	190	155	-	yes	yes
CG.NA.M63XS.x.x.18	CG.NA.NPT2XS.x.x.20	26-35	57	55	52	yes	yes
CG.NA.M63S.x.x.18	CG.NA.NPT2S.x.x.20	35-45	190	155	140	yes	yes
CG.NA.M63.x.x.18	-	46-56	160	145	135	yes	yes
-	CG.NA.NPT2.x.x.20	46-56	160	145	-	yes	yes
CG.NA.M75XS.x.x.20	CG.NA.NPT2-1/2XS.x.x.21	35-45	190	155	140	yes	yes
CG.NA.M75S.x.x.20	CG.NA.NPT2-1/2S.x.x.21	46-62	185	175	150	yes	yes
CG.NA.M75.x.x.20	-	60-69	123	118	-	yes	yes
-	CG.NA.NPT2-1/2.x.x.21	60-64	123	-	-	yes	yes
CG.NA.M90XS.x.x.20	CG.NA.NPT3XS.x.x.21	46-62	185	175	150	yes	yes
CG.NA.M90S.x.x.20	CG.NA.NPT3S.x.x.21	60-75	123	118	110	yes	yes
CG.NA.M90.x.x.20	-	75-82	135	130	125	yes	yes
-	CG.NA.NPT3.x.x.21	75-82	135	130	-	yes	yes
CG.NA.M100XS.x.x.20	CG.NA.NPT4XS.x.x.21	60-75	123	118	110	yes	yes
CG.NA.M100S.x.x.20	CG.NA.NPT4S.x.x.21	75-85	135	130	125	yes	yes
CG.NA.M110.x.x.20	CG.NA.NPT4.x.x.21	85-95	180	175	170	yes	yes
CG.NA.M115S.x.x.24	-	75-85	135	130	125	yes	yes
CG.NA.M115.x.x.24	-	85-95	180	175	170	yes	yes
CG.NA.M115L.x.x.24	-	95-105	450	450	450	yes	yes
-	CG.NA.NPT4L.x.x.21	95-101	450	450	-	yes	yes
CG.NA.M130.x.x.24	-	105-115	526	500	535	yes	yes
-	CG.NA.NPT5.x.x.27	95-105	450	450	450	yes	yes
-	CG.NA.NPT5L.x.x.27	105-115	526	500	535	yes	yes

Type CG.CO.xx.x.x.x specification:

CG.CO.xx.x.x.x			
Model	Min-max	Torque value	Suitable for

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CG.CO.Mx.x.x.x	CG.CO.NPTx.x.x.x	cable Ø [mm]	[Nm]			Ex d	Ex e Ex tD
			S1+S2+S3 triple sealing ring	S1+S2 double sealing ring	S1 single sealing ring		
CG.CO.M12.x.x.16	CG.CO.NPT1/4.x.x.16	4-8	20	18	-	no	yes
CG.CO.M16S.x.x.16	CG.CO.NPT3/8S.x.x.16	3-9	-	25	18	yes	yes
CG.CO.M16.x.x.16	CG.CO.NPT3/8.x.x.16	4-12	20	18	16	yes	yes
CG.CO.M20S.x.x.16	CG.CO.NPT1/2S.x.x.16	3-9	-	25	18	yes	yes
CG.CO.M20.x.x.16	CG.CO.NPT1/2.x.x.16	4-12	20	18	16	yes	yes
CG.CO.M20L.x.x.16	CG.CO.NPT1/2L.x.x.16	10-16	25	22	18	yes	yes
CG.CO.M25.x.x.16	CG.CO.NPT3/4.x.x.16	10-18	25	22	18	yes	yes
CG.CO.M25L.x.x.16	CG.CO.NPT3/4L.x.x.16	14-20	28	23	-	yes	yes
CG.CO.M32.x.x.16	CG.CO.NPT1.x.x.20	14-24	28	23	20	yes	yes
CG.CO.M32L.x.x.16	CG.CO.NPT1L.x.x.20	22-28	56	50	35	yes	yes
CG.CO.M40.x.x.18	CG.CO.NPT1-1/4.x.x.20	22-32	56	50	45	yes	yes
CG.CO.M40L.x.x.18	CG.CO.NPT1-1/4L.x.x.20	26-34	57	55	52	yes	yes
CG.CO.M50.x.x.18	CG.CO.NPT1-1/2.x.x.20	26-35	57	55	52	yes	yes
CG.CO.M50L.x.x.18	CG.CO.NPT1-1/2L.x.x.20	35-44	190	155	140	yes	yes
CG.CO.M63.x.x.18	CG.CO.NPT2.x.x.20	35-45	190	155	140	yes	yes
CG.CO.M75.x.x.20	CG.CO.NPT2-1/2.x.x.21	46-59	185	175	150	yes	yes

Type CG.EM.xx.x.x.x specification:

CG.EM.xx.x.x.x			
Model	Min-max cable Ø	Torque value [Nm]	Suitable for

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CG.EM.Mx.x.x.x	CG.EM.NPTx.x.x.x	[mm]	S1+S2+S3 triple sealing ring	S1+S2 double sealing ring	S1 single sealing ring	Ex d	Ex e Ex tD
CG.EM.M16S.x.x.16	CG.EM.NPT3/8S.x.x.16	4-8	-	25	18	yes	yes
CG.EM.M16.x.x.16	CG.EM.NPT3/8.x.x.16	4-8	-	25	18	yes	yes
CG.EM.M20.x.x.18	CG.EM.NPT1/2.x.x.18	4-12	20	18	16	yes	yes
CG.EM.M25.x.x.16	CG.EM.NPT3/4.x.x.16	10-18	25	22	18	yes	yes
CG.EM.M32.x.x.19	CG.EM.NPT1.x.x.20	14-24	28	20	18	yes	yes
CG.EM.M40.x.x.20	CG.EM.NPT1-1/4.x.x.20	22-32	56	50	45	yes	yes
CG.EM.M50.x.x.20	CG.EM.NPT1-1/2.x.x.20	26-35	57	55	52	yes	yes
CG.EM.M63.x.x.20	CG.EM.NPT2.x.x.20	35-45	190	155	140	yes	yes
CG.EM.M75.x.x.20	CG.EM.NPT2-1/2.x.x.21	42-62	185	175	150	yes	yes
CG.EM.M90.x.x.20	CG.EM.NPT3.x.x.21	60-75	123	118	110	yes	yes
CG.EM.M100.x.x.20	CG.EM.NPT4.x.x.21	75-85	135	130	125	yes	yes
CG.EM.M110.x.x.20	CG.EM.NPT4L.x.x.21	85-95	180	175	170	yes	yes

Glands are suitable for use within following ambient temperature range:

Series :	Exe-ExtD execution:	Exd execution:
CG.NA.xx.x.x.x	neoprene sealing ring -40°C-+80°C	neoprene sealing ring -40°C-+80°C
CG.CO.xx.x.x.x	silicone sealing ring:-60°C-+140°C	silicone sealing ring:-60°C-+80°C
CG.EM.xx.x.x.x		

Ex marking: Ex d IIC Gb, Ex e IIC Gb, Ex tD A21 IP66/68

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- Producers should organize production in accordance with the technical documents approved by the certification body.

### 2. Specific conditions of safety use:

- The cable glands are only suitable for fixed installations. Cables shall be effectively clamped to prevent pulling or twisting.
- The coupling of the cable glands to the enclosure and torque values of cap clamping shall be made as indicated in the instruction in order to respect the type of protection of the electrical apparatus on which cable glands are mounted.
- The cable gland installation shall be done according to safety manufacturer instructions to maintain degree of protection. The cable gland installation shall be done in such a way that the temperature at the mounting point will remain within the service temperature ranges declared in this certificate.
- When cable glands are installed with polyamide insert BP.NA.\*.PA, mechanical risk have to be taken into account, depending on cable gland and insert tap. The upper operating temperature is limited to 70°C. When insert tap is removed in order to install the proper cable, the integrity of sealing rings have to be checked, in order to guarantee the correct tightness. If necessary, sealing rings have to be replaced with new ones (original spare parts only). Precautions shall be taken in order to guarantee protection against risk of mechanical damage is provided, when insert taps are suitable for low mechanical risk (4J) only.
- See instruction for other information.

### 3. Certificate related report(s):

- Type test report: CQST2104C003
- Factory inspection report: CN2021Q010125

### 4. Certificate change information: None

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