

Instruções de uso - Operating instructions - Mode d'emploi

Tampões roscados

Locking Screws

Bouchons filetés

EX-E\*VS \*\* (LT)(-\*\*) (EADR \*\*/90)



ATEX

UK  
CA



**WISKA Hoppmann GmbH**

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## Instruções de uso

### Aplicação

Os tampões roscados servem para fechar aberturas não usadas de meios de operação elétricos do tipo de proteção contra ignição Segurança aumentada "e" e „t“.

### Objetivo desse manual

Ao trabalhar em atmosferas explosivas, a segurança de pessoas e das instalações depende do cumprimento de todos os regulamentos de segurança relevantes. O pessoal de montagem e de manutenção que trabalha nesse tipo de instalações tem, portanto, uma responsabilidade especial. O pré-requisito para isso é o conhecimento preciso das regras e dos regulamentos aplicáveis. Esse manual resume brevemente as medidas de segurança mais importantes. Ele complementa os respectivos regulamentos que o pessoal responsável é obrigado a estudar.

Reserva-se o direito a alterações.



### Avisos de segurança Safety instructions Consignes de sécurité

Utilize exclusivamente os tampões roscados para o fim de uso admissível. O uso incorreto ou não autorizado e o não cumprimento das instruções desse manual de operação excluem qualquer garantia de nossa parte.

Não são permitidas modificações e alterações nos tampões roscados que afetam a proteção contra explosões.

Os tampões roscados somente podem ser usados se não estiverem danificados e limpos.

**No caso de montagem e de operação, deve observar-se o seguinte:**

- normas de segurança nacionais;
- normas de prevenção de acidentes nacionais
- regulamentos nacionais de montagem e de construção (p. ex., IEC 60079-14)
- normas geralmente reconhecidas da técnica;
- avisos de segurança deste manual de instruções;
- valores característicos nos tampões roscado;

Os danos podem inutilizar a proteção contra explosões.

## Operating instructions

### Application

The locking screws are used to close unused openings of electrical equipment of the "e" and "t" protection type.

### Purpose of these instructions

Working in hazardous areas, the safety of personnel and plant depends on complying with all relevant safety regulations. Assembly and maintenance staff working on installations therefore have a particular responsibility. They require precise knowledge of the applicable standards and regulations. These instructions give a brief summary of the most important safety measures. It supplements the corresponding regulations which the staff responsible must study.

Subject to alteration.

Use the locking screws only for its intended purpose. Incorrect or impermissible use or non-compliance with these instructions invalidates our warranty provision. No changes to the device impairing its explosion protection are permitted. Use the locking screws only if they are clean and undamaged.

**Observe the following during installation and operation:**

- national safety regulations
- national accident prevention regulations
- national installation regulations (e.g. IEC 60079-14)
- generally recognized technical regulations
- safety guidelines in these operating instructions
- characteristic values given on the locking screws

Any damage can invalidate the Ex-protection.

## Mode d'emploi

### Utilisation

Les bouchons filetés à vis permettent d'obturer les ouvertures non utilisées de matériels électriques appartenant à la classe de protection "e" et "t".

### Objet du présent mode d'emploi

Lors du travail dans des zones à risque d'explosion, la sécurité des personnes et des installations dépend du respect de toutes les consignes de sécurité correspondantes. Le personnel chargé du montage et de la maintenance sur ces équipements possède à cet égard une grande responsabilité et doit connaître parfaitement les prescriptions et dispositions légales en vigueur. Le présent mode d'emploi résume de façon concise les mesures de sécurité les plus importantes. Il ne peut en aucun cas se substituer aux prescriptions correspondantes, dont l'étude demeure obligatoire pour le personnel responsable.

Sous réserve de modifications.

Les bouchons filetés ne doivent être utilisés que pour l'application pour laquelle elle ont été prévus.

Une utilisation défectueuse ou anormale ainsi que le non-respect des consignes du présent mode d'emploi excluent toute clause de garantie.

Les modifications sur les bouchons filetés, susceptibles d'entraver la protection antidéflagrante, ne sont pas autorisées.

Ne pas monter les bouchons filetés si elles sont endommagées ou sales.

**Lors du montage et du fonctionnement, veuillez observer les points suivants:**

- les prescriptions nationales de sécurité
- les prescriptions nationales en matière de prévention des accidents
- les instructions nationales de montage (par. Ex. CEI 60079-14)
- les règles de l'art dans le domaine technique
- les consignes de sécurité du présent mode d'emploi
- les caractéristiques techniques indiquées sur les bouchons filetés

Toute détérioration de matériel peut avoir pour conséquence de rendre inopérante la protection antidéflagrante.



Teremos o prazer de lhe enviar uma cópia do certificado de exame de tipo CE junto com o anexo associado, mediante solicitação. If required, we will provide a copy of the Type-Test Certificate with the relevant annex.

Une copie du certificat de conformité aux normes ainsi que les annexes correspondantes sont disponibles sur simple demande.

**Instruções de uso****Operating instructions****Mode d'emploi****1 Conformidade com as normas**

Os tampões roscados cumprem os respetivos regulamentos e normas:

- Portaria INMETRO no. 115:2022
- Diretiva 2014/34/UE
- IEC 60079-0:2017, Ed 7.0 (EN 60079-0:2018)
- IEC 60079-7:2017, Ed 5.1 (EN 60079-7:2015)
- IEC 60079-31:2022, Ed 3 (EN 60079-31:2014)
- EN 62444:2013

Os tampões roscados do tipo EX-E\*VS são permitidos para o uso em áreas potencialmente explosivas das zonas 1, 21, 2 e 22.

**2 Dados técnicos**

Proteção contra explosões:

Certificado de inspeção:

Material:

- EX-EMVS \*\* (LT)
- EX-EMVS \*\* (LT)-A2
- EX-EMVS \*\* (LT)-A4

Temperatura ambiente:

- EX-E\*VS \*\* (-\*\*) -40°C....+120°C
- EX-E\*VS \*\* **LT**(-\*\*) -60°C....+120°C
- EX-E\*VS \*\* (-\*\*) EADR \*\*/90 -40°C....+75°C

Grau de proteção conforme a IEC 60529:

Torques recomendados:

Tamanho dos plugues de rosca / Locking screws size / Filetage des bouchons filetés

- M12x1,5
- M16x1,5
- M20x1,5
- M25x1,5
- M32x1,5
- M40x1,5
- M50x1,5
- M63x1,5

**1 Conformity to standards**



The locking screws complies with the following regulations and standards:

- Directive 2014/34/EU
- UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1
- IEC 60079-0:2017 (EN 60079-0:2018)
- IEC 60079-7:2015 (EN 60079-7:2015)
- IEC 60079-31:2013 (EN 60079-31:2014)

Locking screws type EX-E\*VS \*\* (LT)(-\*\*) (EADR \*\*/90) is suitable for use in hazardous areas of Zones 1, 21, 2 and 22.

**2 Technical Data**

Explosion protection:

 II 2 G Ex eb IIC Gb /  II 2 D Ex tb IIIC Db

Test certificate:

IECEX PTB 14.0024, PTB 05 ATEX 1106, UL22UKEX2675, UL-BR 21.1136

Material:

- Latão / brass / laiton
- Aço inoxidável/ Stainless steel / Acier special
- Aço inoxidável/ Stainless steel / Acier spécial

Ambient temperature:

- O-ring EPDM, preto/ O-ring EPDM, black / O-ring EPDM, noir
- O-ring de silicone, vermelho e azul/ O-ring silicon, red and blue/ O-ring silicon, rouge et bleu
- Junta plana de EPDM, preta / Flat seal EPDM, black / Joint plat EPDM, noir

Degree of protection to IEC 60529:

IP66/68 (5bar; 30min)

Recommended torques:

**1 Conformité aux normes**

Les bouchons filetés sont conformes aux prescriptions et normes suivantes:

- Directive 2014/34/UE
- UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1
- IEC 60079-0:2017 (EN 60079-0:2018)
- IEC 60079-7:2015 (EN 60079-7:2015)
- IEC 60079-31:2013 (EN 60079-31:2014)

L'utilisation des bouchons filetés EX-E\*VS \*\* (LT)(-\*\*) (EADR \*\*/90) est autorisée en atmosphère explosible des zones 1, 21, 2 et 22.

**2 Caractéristiques techniques**

Protection antidéflagrante:

Certificat de conformité:

Matériau:

- 2.0401 (Ms58, CuZn39Pb3, CW614N)
- 1.4305 (A2, X8CrNiS18-9, AISI 303)
- 1.4435 (A4, X2CrNiMo18-14-3, AISI 316L)

Température ambiante:

- O-ring EPDM, preto/ O-ring EPDM, black / O-ring EPDM, noir
- O-ring de silicone, vermelho e azul/ O-ring silicon, red and blue/ O-ring silicon, rouge et bleu
- Junta plana de EPDM, preta / Flat seal EPDM, black / Joint plat EPDM, noir

Degré de protection d'après CEI 60529:

Couples recommandés:

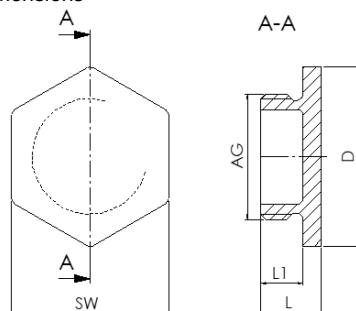
- M [Nm]
- 2,0
- 2,0
- 2,0
- 5,0
- 5,0
- 10,0
- 10,0
- 10,0

**3 Montagem**

Esboço dimensionado

**3 Fitting**

Dimensions

**3 Montage**

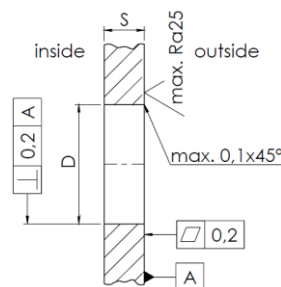
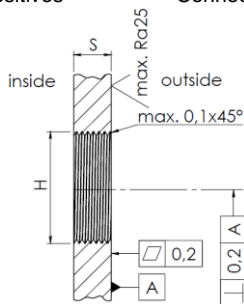
Plan d'encombrement

Tipo / Type / Type	AG	SW [mm]	D [mm]	L [mm]	L1 [mm]
EX-E*VS 12 (LT)(-**) (EADR **/90)	M12x1,5	14	15,7	7,5	5
EX-E*VS 16 (LT)(-**) (EADR **/90)	M16x1,5	18	20,3	8	5
EX-E*VS 20 (LT)(-**) (EADR **/90)	M20x1,5	22	24,9	9	6
EX-E*VS 25 (LT)(-**) (EADR **/90)	M25x1,5	28	31,8	10	6,5
EX-E*VS 32 (LT)(-**) (EADR **/90)	M32x1,5	35	39,9	10,5	7
EX-E*VS 40 (LT)(-**) (EADR **/90)	M40x1,5	44	50,3	12	8
EX-E*VS 50 (LT)(-**) (EADR **/90)	M50x1,5	54	61,9	15	9
EX-E*VS 63 (LT)(-**) (EADR **/90)	M63x1,5	67	76,9	16	10

Medidas de conexão dos dispositivos

Connection dimensions of the devices

Dimensions de raccordement des appareils



Espessura da parede com furo roscado / Wall thickness with threaded hole / Épaisseur de la paroi avec trou fileté

H	Norma / standard / norme	Caixa metálica / Metal housings / Boîtier en métallique	Caixa em plástico / Plastic housings / Boîtier en plastique
M12x1,5			
M16x1,5			
M20x1,5			
M25x1,5			
M32x1,5	ISO 965	≥ 3mm	≥ 4mm
M40x1,5			
M50x1,5			
M63x1,5			

Espessura da parede com furo de passagem / Wall thickness with through-hole / Épaisseur de la paroi avec trou traversant

D [mm]	Caixa metálica / Metal housings / Boîtier en métallique	Caixa em plástico / Plastic housings / Boîtier en plastique	Espessura mínima da porca metálica /minimum metal nut depth / Épaisseur minimale de écrou en métal
12,0+0,2	(1,0 - 2,0)mm	2,0mm	2,8mm
16,0+0,2	(1,0 - 2,0)mm	2,0mm	2,8mm
20,0+0,2	(1,0 - 3,0)mm	(2,0 - 3,0)mm	3,0mm
25,0+0,2	(1,0 - 3,0)mm	(2,0 - 3,0)mm	3,5mm
32,0+0,2	(1,0 - 3,0)mm	(2,0 - 3,0)mm	4,0mm
40,0+0,2	(1,0 - 3,0)mm	(2,0 - 3,0)mm	5,0mm
50,0+0,2	(1,0 - 4,0)mm	(2,0 - 4,0)mm	5,0mm
63,0+0,2	(1,0 - 4,0)mm	(2,0 - 4,0)mm	6,0mm



Em caso de outras condições de operação que se desviem da norma, consulte o fabricante. /  
Please consult the manufacturer if operating conditions are non-standard. /  
En cas de conditions d'utilisation différentes, veuillez contacter le constructeur.

**A responsabilidade relativa ao uso devido desses tampões de rosca com referência às condições básicas existentes na instalação recai exclusivamente sobre a empresa usuária.**


O transporte e o armazenamento só são permitidos na embalagem original.

**The user alone is responsible for the appropriate use of this locking screws in consideration of the basic conditions existing at the plant.**

Transport and storage is permitted only in the original packaging.

**L'utilisation conforme aux dispositions de ces bouchons filetés, en tenant compte des conditions cadre existants dans l'installation, est laissé à la seule responsabilité de l'exploitant.**

Le transport et le stockage sont autorisés uniquement en emballage d'origine.

Instruções de uso	Operating instructions	Mode d'emploi
<p><b>4 Colocação em serviço</b> Antes de colocar um aparelho em operação junto com os tampões roscados, certifique-se de que</p> <ul style="list-style-type: none"> <li>os tampões roscados não estão danificados</li> <li>o anel o-ring está disponível para o grau de proteção IP 68</li> <li>os tampões roscados estão apertados de acordo com os torques recomendados</li> <li>as superfícies de apoio estão em face com as juntas</li> </ul>	<p><b>4 Commissioning</b> Before commissioning equipment fitted with locking screws, ensure that:</p> <ul style="list-style-type: none"> <li>the locking screw is not damaged</li> <li>the O ring for IP68 is available</li> <li>the locking screws have been tightened to the recommended torque values</li> <li>the gasket bearing areas are flat</li> </ul>	<p><b>4 Mise en service</b> Avant la mise en service d'un appareil avec des bouchons filetés, assurez-vous des points suivants:</p> <ul style="list-style-type: none"> <li>les bouchons filetés ne sont pas endommagés</li> <li>la rondelle obturatrice pour le degré de protection IP68 a été utilisée</li> <li>les bouchons filetés sont serrés conformément au couple recommandée</li> <li>les surfaces de contact pour les joints sont planes</li> </ul>
<p><b>A instalação e operação impróprias anularão a garantia.</b></p>	<p><b>Improper installation and operation leads to loss of warranty.</b></p>	<p><b>Une installation et une exploitation incorrectes conduisent à la perte de la garantie.</b></p>
<p><b>5 Manutenção</b></p>  <p>Observe os regulamentos nacionais aplicáveis no país de atuação! / Observe the relevant national regulations for your country! / Observez les réglementation en vigueur dans le pays d'utilisation!</p>	<p><b>5 Maintenance</b></p> <p>The following points must checked during maintenance:</p> <ul style="list-style-type: none"> <li>compliance with permitted temperatures (to IEC 60079-0)</li> <li>cracks in the locking screws</li> <li>damage to the gaskets</li> </ul>	<p><b>5 Maintenaue</b></p> <p>Lors des travaux d'entretien, les points suivants doivent être contrôlés:</p> <ul style="list-style-type: none"> <li>le maintien des temperatures autorisées (selon IEC 60079-0)</li> <li>la présence éventuelle de fissures sur les bouchons filetés</li> <li>la détérioration des joints d'étanchéité</li> </ul>
<p>Nos trabalhos de manutenção devem ser verificados os seguintes pontos:</p> <ul style="list-style-type: none"> <li>Cumprimento das temperaturas admissíveis (conforme a EN 60079-0)</li> <li>Fissuras nos tampões roscados</li> <li>Danos nas juntas</li> </ul>		

## 6 Acessório/peças de reposição

## 6 Accessories / Spare parts

## 6 Accessoires / Pièces de rechange



Use apenas acessórios originais, bem como peças de reposição originais da empresa WISKA./  
Use only original spare parts as wie as original accessories made by WISKA. /  
Utilisez uniquement des pièces de rechange et des accessoires d'origine de WISKA.

	Tipo / Type / Type	Número do artigo / Order number / Référence	Tipo/ Type / Type	Número do artigo / Order number / Référence
	O-ring para a variante „normal <sup>1)</sup> / O-ring for the normal temperature variant <sup>1)</sup> / O-ring pour la variation de la température normale <sup>1)</sup>		Junta plana para a variante „normal <sup>1)</sup> / flat gasket for the normal temperature variant <sup>1)</sup> / Joint torique d'étanchéité pour la variation de la température normale <sup>1)</sup>	
EX-EMVS 12	ORD-E 12	10064697	EADR 12	10062801
EX-EMVS 16	ORD-E 16	10064698	EADR 16	10062802
EX-EMVS 20	ORD-E 20	10064699	EADR 20	10062803
EX-EMVS 25	ORD-E 25	10064700	EADR 25	10062804
EX-EMVS 32	ORD-E 32	10064701	EADR 32	10062805
EX-EMVS 40	ORD-E 40	10064702	EADR 40	10062806
EX-EMVS 50	ORD-E 50	10064703	EADR 50	10062807
EX-EMVS 63	ORD-E 63	10064704	EADR 63	10062808
	O-ring para a variante LT <sup>1)</sup> / O-ring for the LT variant <sup>1)</sup> / O-ring pour la variante LT <sup>1)</sup>		Junta plana para a variante LT <sup>1)</sup> / flat gasket for the LT variant <sup>1)</sup> / Joint torique d'étanchéité pour la variante LT <sup>1)</sup>	
EX-EMVS 12 LT	ORD-S 12	10101757	EADR 12/90 LT	10105704
EX-EMVS 16 LT	ORD-S 16	10101758	EADR 16/90 LT	10105705
EX-EMVS 20 LT	ORD-S 20	10101759	EADR 20/90 LT	10105706
EX-EMVS 25 LT	ORD-S 25	10101760	EADR 25/90 LT	10105707
EX-EMVS 32 LT	ORD-S 32	10101761	EADR 32/90 LT	10105708
EX-EMVS 40 LT	ORD-S 40	10101762	EADR 40/90 LT	10105709
EX-EMVS 50 LT	ORD-S 50	10101763	EADR 50/90 LT	10105710
EX-EMVS 63 LT	ORD-S 63	10101764	EADR 63/90 LT	10105711
	Porca de fixação - Meta Tratamento e disposição de resíduos <sup>2)</sup> / Lock nut - Metal <sup>2)</sup> / contre-écrou - Métal <sup>2)</sup>			
EX-EMVS 12 (LT)	EMMU 12	10063141		
EX-EMVS 16 (LT)	EMMU 16	10063142		
EX-EMVS 20 (LT)	EMMU 20	10063143		
EX-EMVS 25 (LT)	EMMU 25	10063144		
EX-EMVS 32 (LT)	EMMU 32	10063145		
EX-EMVS 40 (LT)	EMMU 40	10063146		
EX-EMVS 50 (LT)	EMMU 50	10063147		
EX-EMVS 63 (LT)	EMMU 63	10063148		

<sup>1)</sup> As juntas tóricas e juntas planas servem de selo adicional para atingir o tipo de proteção IP 66/68. / The gaskets act as additional sealing to achieve the IP66/68 protection degree / Les d'étanchéité servent de joints supplémentaires pour atteindre la classe de protection IP66/68.

<sup>2)</sup> 1) A contraporca serve para fixar a prensa-cabo nos furos de passagem. / The lock nut is used to secure the locking screws in position. / Le contre-écrou est utilisé pour fixer bouchons filetés dans les trous de passage.

## 7 Tratamento e disposição de resíduos

## 7 Disposal

## 7 Réglementation concernant les déchets



Observe a política nacional de resíduos sólidos. /  
Observe the national standard for refuse disposal. /  
Respectez les réglementations nationales en matière d'élimination des déchets.



Teremos todo o prazer em responder a perguntas específicas. /  
We are pleased to answer any special questions you may have. /  
Nous sommes à votre disposition pour tout renseignement complémentaire.

Sollten Sie die Bedienungsanleitung in einer der anderen Sprachen der Europäischen Gemeinschaft benötigen, wenden Sie sich bitte an Ihren WISKA-Vertreter.

Should you require the operating instructions in one of the other European Community languages, please feel free to contact your WISKA representative.

Si vous avez besoin des instructions de mise en service dans une autre langue de l'Union Européenne, prière de contacter votre Représentant WISKA.

En översättning av denna montageoch skötselinstruktion till annat EU-språk kann vid behov beställas från er WISKA representant.

En caso necesario podrá solicitar de su representante WISKA estas instrucciones de servicio en otro idioma de la Union Europea.

Montagevejledningen kan oversættes til andre EU-sprog og rekvireres hos deres WISKA leverandør.

Se desiderate la traduzione del manuale operativo in un'altra lingua della Comunit à Europea potete richiederla al vostro rappresentante WISKA.

Tarvittaessa tämän käyttöohjeen käännös on saatavissa toisella EU:n kielellä Teidän WISKA-edustajaltanne.

Indien noodzakelijk kan de vertaling van deze gebruiksinstructie in een andere EU-taal worden opgevraagd bij uw WISKA-vertegenwoordiging.



### IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION  
IEC Certification System for Explosive Atmospheres  
for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	IECEx PTB 14.0024	Page 1 of 4	
Status:	Current	Issue No.:	1
Date of issue:	2022-06-28		
Applicant:	WISKA Hoppmann GmbH Kisdorfer Weg 28 24568 Kaltenkirchen Germany		
Equipment:	Threaded blanking element EX-**VS(-L)** (LT)(-)** (ADR **I98)		
Optional accessory:			
Type of Protection:	"eb", "tb"		
Marking:	Ex eb IIC Gb Ex tb IIIC Db		

Approved for issue on behalf of the IECEx Certification Body:

Dr.-Ing. Detlev Markus  
Head of Department "Explosion Protect"

Signature: *(for printed version)*  
*D. Markus*  
Date: *(for printed version)*  
28.06.22

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Certificate issued by:  
Physikalisch-Technische Bundesanstalt (PTB)  
Bundesallee 100  
38116 Braunschweig  
Germany

**(1) EU-TYPE EXAMINATION CERTIFICATE (Translation)**

- (2) Equipment or Protective Systems Intended for Use in Potentially Explosive Atmospheres - Directive 2014/34/EU
- (3) EU-Type Examination Certificate Number: **PTB 05 ATEX 1106**
- (4) Product: Threaded blanking element EX-\*\*VS(-L)\*\*
- (5) Manufacturer: WISKA Hoppmann GmbH
- (6) Address: Kisdorfer Weg 28, 24568 Kaltenkirchen, Germa
- (7) This product and any acceptable variation thereto is specified in the schedule documents therein referred to.
- (8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Directive 2014/34/EU of the European Parliament and of the Council, dated 26 June 2014, has found this product to comply with the Essential Health and Safety design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.
- (9) The examination and test results are recorded in the confidential Test Report.
- (10) Compliance with the Essential Health and Safety Requirements has been demonstrated in accordance with EN IEC 60079-0:2018, EN IEC 60079-7:2015+A1:2018, EN 60079-11:2012 and EN 60079-14:2012.
- (11) If the sign "X" is placed after the certificate number, it indicates that the product is intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.
- (12) The marking of the product shall include the following:

II 2 G Ex eb IIC Gb  
 II 2 D Ex tb IIIC Db

Konformitätsbewertungsstelle, Sektor Explosionsschutz  
On behalf of PTB:

*(Signature)*  
Dr.-Ing. D. Markus  
Direktor und Professor

EU-Type Examination Certificates without signature and official stamp shall not be valid, only without alteration. Extracts or alterations are subject to approval by the Physikalisch-Technische Bundesanstalt. In case of dispute, the German text shall prevail.

Physikalisch-Technische Bundesanstalt • Bundesallee 100 • 38116 Braunschweig



**UNITED KINGDOM CONFORMITY ASSESSMENT  
UK-TYPE EXAMINATION CERTIFICATE**

- (2) Product or Protective System Intended for use in Potentially Explosive Atmospheres UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1
- (3) UK-Type Examination Certificate No.: UL22UKEX2675 Rev. 0
- (4) Product: Threaded blanking element type EX-\*\*VS(-L)\*\* (LT)(-)\*\* (ADR \*\*I98)
- (5) Manufacturer: WISKA Hoppmann GmbH
- (6) Address: Kisdorfer Weg 28, 24568 Kaltenkirchen, Germany
- (7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) UL International (UK) Ltd, Approved Body number 0843, in accordance with Regulation 44 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016 (UKSI 2016:1107) (as amended by UKSI 2019:696), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations. The examination and test results are recorded in the confidential report DE/PTB/EXTR14.0027/01.
- (9) Compliance with the Essential Health and Safety Requirements is demonstrated by compliance with: EN IEC 60079-0:2018 EN IEC 60079-7:2015+A1:2018 EN 60079-31:2014
- (10) Except in respect of those requirements listed in section 19 of the schedule to this certificate.
- (11) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the Schedule to this certificate.
- (12) This UK-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- (13) The marking of the product shall include the following:

II 2 G Ex eb IIC Gb  
 II 2 D Ex tb IIIC Db

Certification Officer  
Andrew Moffat

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found to comply with the Standard(s) indicated on this Certificate, in accordance with the UKSI Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted to the Manufacturer. UL did not witness the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other services for this product. The Manufacturer is solely and fully responsible for conformity of its product to all applicable standards, specifications, requirements or regulations. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2023-01-30

Approved Body  
UL International (UK) Ltd Unit 1-3 Horizon Kingsland Business Park Wade Road, Basingstoke RG24 5AH, UK  
Phone: +44 (0)1256 312100

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**EU DECLARATION OF CONFORMITY**



WISKA Hoppmann GmbH  
Kisdorfer Weg 28  
24568 Kaltenkirchen  
Germany



KCEI-21051-0

Declares under its sole responsibility that:

**Product designation:** Screw plug  
**Type designation:** EX-\*\*VS(-L)\*\* (LT)(-)\*\*  
**Description:** Screw plug for electrical installation  
**Approval number/Production Quality Assessment:** PTB 05 ATEX 1106 / PTB 03 ATEX Q044  
**Notification:**  
**Information about the product**  
**Marking:** II 2 G Ex eb IIC Gb  
 II 2 D Ex tb IIIC Db  
**Ambient temperature:** Standard Type: -40°C ... +75°C  
 LT Type: -60°C ... +75°C  
 with \*ADR: -40°C ... +75°C

corresponds to all the relevant provisions of the directives listed below and valid harmonized and / or international and national standards - including all applicable changes at this time of issuing this document.

Regulation	Standard
2014/34/EU Equipment and protective systems intended for use in potentially explosive atmospheres (ATEX)	EN IEC 60079-0:2018 + AC:2020-02 EN IEC 60079-7:2015 + A1:2018 EN 60079-31:2014
Other Standards	EN 60423:2007
2011/65/EU Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)	EN IEC 63000:2018

WISKA Hoppmann GmbH  
Kaltenkirchen, Germany

2023-02-24

*(Signature)*  
Head of Engineering & Design

**DECLARATION OF CONFORMITY**



WISKA Hoppmann GmbH  
Kisdorfer Weg 28  
24568 Kaltenkirchen  
Germany

Authorised Representative:  
WISKA UK Ltd  
Unit 7, Hurling Way  
St. Columb Major Business Park  
St. Columb Major, Cornwall  
TR9 6SX  
GREAT BRITAIN



KGBI-21051-0

Declares under its sole responsibility that:

**Product designation:** Screw plug  
**Type designation:** EX-\*\*VS(-L)\*\* (LT)(-)\*\*  
**Description:** Screw plug for electrical installation  
**Approval number:** UL22UKEX2675 Rev. 0  
**Production Quality Assessment Notification:** UL22UKQAN19164  
**Information about the product**  
**Marking:** II 2 G Ex eb IIC Gb  
 II 2 D Ex tb IIIC Db  
**Ambient temperature:** Standard Type: -40°C ... +75°C  
 LT Type: -60°C ... +75°C  
 with \*ADR: -40°C ... +75°C

corresponds to all the relevant provisions of the directives listed below and valid harmonized and / or international and national standards - including all applicable changes at this time of issuing this document.

Regulation	Standard
UKSI 2016:1107 ( Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016 as amended by UKSI 2019:696)	EN IEC 60079-0:2018 + AC:2020-02 EN IEC 60079-7:2015 + A1:2018 EN 60079-31:2014
Other Standards	EN 60423:2007
S.I. 2012 No. 3032 The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012	EN IEC 63000:2018

WISKA Hoppmann GmbH  
Kaltenkirchen, Germany

WISKA UK Ltd  
St. Columb Major, Great Britain

2023-02-24

*(Signature)*  
Head of Engineering & Design

*(Signature)*  
Authorised Representative

