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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.: **UL22UKEX2676X Rev. 0**

[4] Product: **Threaded blanking element type EX-EVSG ** (LT)**

[5] Manufacturer: **WISKA Hoppmann GmbH**

[6] Address: **Kisdirfer 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/ExTR16.0040/01.

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018

EN IEC 60079-7:2015/A1:2018

EN 60079-31:2014

Except in respect of those requirements listed at section 19 of the schedule to this certificate.

[10] 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.

[11] 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.

[12] 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 in compliance with the Standard(s) indicated on this Certificate, in accordance with the UKEx Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select 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 surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all 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 8AH, UK
Phone : +44 (0)1256 312100



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[14]

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[15] Description of Product

The threaded blanking element type EX-*VSG ** (LT) is made from plastic.

It is used to close holes for cable entries in enclosures designed to types of protection Increased Safety "eb" and Protection by Enclosure "tb".

Technical data

Connection thread size	Metric, M12x1.5 to M75x1.5
Minimum wall thickness of housing	Threaded hole, metal housing: 3mm Threaded hole, plastic housing: 3mm Through-hole, metal housing: 1mm Through-hole, plastic housing: 2mm
Operating temperature range	Normal: -40 °C to +75 °C LT type: -60 °C to +75 °C
Ingress protection	IP66 / IP68 (5 bar, 30 mins) according to EN 60529
Suited for equipment with the mechanical risk level	Depends on size and ambient temperature See table below

Torque, service temperature and mechanical risk level, Type EX-KEM **/**

Type designation	Thread size	Thread length [mm]	Hexagon [mm]	Torque [Nm]	Ambient temperature range					
					-60 °C up to -40 °C		-40 °C up to -25 °C		-25 °C up to +75 °C	
					Normal	LT	Normal	LT	Normal	LT
EX-EVSG 12 (LT)	M12x1.5	15	16	2	C	C	B	B	A	A
EX-EVSG 16 (LT)	M16x1.5	15	20	2	C	C	B	B	A	A
EX-EVSG 20 (LT)	M20x1.5	15	24	2	C	B	A	A	A	A
EX-EVSG 25 (LT)	M25x1.5	15	29	5	C	A	A	A	A	A
EX-EVSG 32 (LT)	M32x1.5	15	36	5	C	A	A	A	A	A
EX-EVSG 40 (LT)	M40x1.5	15	46	10	C	A	A	A	A	A
EX-EVSG 50 (LT)	M50x1.5	15	55	10	C	A	A	A	A	A
EX-EVSG 63 (LT)	M63x1.5	15	68	10	C	A	A	A	A	A
EX-EVSG 75 (LT)	M75x1.5	15	82	10	C	A	A	A	A	A

A = Approved for installation with the risk of mechanical hazard high
 B = Approved for installation with the risk of mechanical hazard low
 C = Not approved for installation

Nomenclature

1	2	3	4	5	6	7	8
EX	-	E	VSG		**		LT

- 1 = Specification of the area of application
EX = for potentially explosive atmospheres
- 2 = Hyphen
- 3 = Type of connection thread
E = Metric connection thread according to EN 60423
- 4 = Specification for polyamide locking screw
- 5 = Space
- 6 = Nominal size of connection thread
12 = Metric thread M12x1.5
16 = Metric thread M16x1.5 (at E) or PG16
20 = Metric thread M20x1.5
etc. up to M75x1.5
- 7 = Space
- 8 = Specification of a special temperature range
Blank = Normal
LT = Version for low temperature

Routine tests

None

[16] Test Report No. (associated with this certificate issue)

The test report no. is provided under item no. [8] on page 1 of this UK-Type Examination Certificate.

[17] Specific conditions of use:

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- Types suitable for a “low” risk of mechanical danger shall be mounted in such a way that they are mechanically protected against impact force.
- Degree of protection will be safeguarded only when the Threaded blanking element is properly fitted. The manufacturer’s instructions must be followed.

[18] Conditions of certification:
None

[19] Essential Health and Safety Requirements (Regulations Schedule 1)
In addition to the Essential Health and Safety Requirements covered by the standards listed at item 9, all other requirements are demonstrated in the relevant reports.

Additional information

The Products have in addition passed the tests for Ingress Protection to IP66 and IP68 in accordance with EN60529:1991+A1:2000+A2:2013.

The manufacturer shall inform the approved body concerning all modifications to the technical documentation as described in Annex III to UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1.

[20] Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
Operating instructions	500866715004_BA EX-EVSG	05/2022	2022-05
Description	EX-EVSG	01	2022-05-17
List of materials	-	-	2017-03-10
Drawing EX-EVSG 12	SN-005887-04	04	2022-11-02
Drawing EX-EVSG 16	SN-005888-04	04	2022-11-02
Drawing EX-EVSG 20	SN-005889-04	04	2022-11-02
Drawing EX-EVSG 25	SN-005890-04	04	2022-11-02
Drawing EX-EVSG 32	SN-005891-04	04	2022-11-02
Drawing EX-EVSG 40	SN-005892-04	04	2022-11-02
Drawing EX-EVSG 50	SN-005893-04	04	2022-11-02
Drawing EX-EVSG 63	SN-005894-04	04	2022-11-02
Drawing EX-EVSG 75	SN-005895-04	04	2022-11-02