

# TYPE APPROVAL CERTIFICATE

DNV·GL

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No. **20 259 - 04 HH**

Company **WISKA Hoppmann & Mulsow GmbH**  
**Kisdorfer Weg 28**  
**24568 Kaltenkirchen, GERMANY**

Product Description **Brass Cable Gland**  
**Brass Explosion Protected Cable Gland**

Type **EMSKV (-L) .. .... ; MMSKV .. ....**  
**EMSKE (-L) .. .... ; MMSKE .. .... (explosion protected types)**

Environmental Category **F,G**

Technical Data / Range of Application **EMSK. (-L) .. .... : connection thread M 12, 16, 20, 25, 32, 40, 50, 63**  
**MMSK. .. .... : connection thread M 16, 18, 24, 30, 36, 45, 56**

**Degree of protection (all types): IP 68 (5bar, 30min)**  
**Degree of explosion protection (EMSKE and MMSKE):**  
**II 2G Ex e II**  
**II 2Ex tD A21 IP68**  
**as per certificate PTB 04 ATEX 1112X**

**all types alternatively with :**  
**- brass; brass + nickel-plated, brass + chromium plated**  
**- long and short connection thread**  
**- earthing cones for shielded cables**  
**- multiple sealing inserts, special sealing inserts and blind plugs**

Test Standard **GL Guidelines for the Performance of Type Approvals: 2003**  
**EN 60079-0:2006; EN 60079-7:2007; EN 61241-0:2006; EN 60529:2000**

Documents **EC-Type Examination Certificate No. PTB 04 ATEX 1112X 2.Supplement dated 15.July 2009**  
**Assessment and Test report PTB EX 09-19080 dated 15.July 2009**

Remarks **This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.**

Valid until **2020-09-20**

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File No. **I.N.03**

**Hamburg, 2015-09-21**

Type Approval Symbol



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**DNV GL**