

# Declaration of Conformity

## Hygienic cable glands

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<b>Document ID</b>	DoC 04 - Cable glands
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<b>Manufacturer</b>	NGI A/S
<b>Address</b>	Virkelyst 5, DK-9400 Nørresundby, Denmark
<b>Product type</b>	Cable glands
<b>Product series</b>	HSK series

NGI declares that the listed product series are in compliance with the Guidelines, European Directives and standards mentioned in the Annex A as of the date this writing.

We attentively follow the revisions and amendments to these guidelines and directives and may revise our products accordingly. This declaration is subject to revision. All users are encouraged to use and apply the most recent editions of this document.

This declaration of conformity is issued under the sole responsibility of the manufacturer. It confirms compliance with indicated standards or norms but implies no warranty of properties.

On behalf of NGI

Lasse Qvistgaard Nielsen  
R&D Engineer

# Materials and condition of use

Please read and follow these instruction to ensure correct usage and cleaning.

<b>Materials</b>	Steel body Sealings	Stainless steel 1.4404 Blue VMQ (silicone)
		All sealings are in compliance with CFR title 21, 177.2600
<b>Surfaces</b>	Steel body:	Surface roughness <0.8µm
<b>IP-Class</b>	IP66 IP68 IP69K	10bar/30min
<b>Temperature ranges</b>	VMQ:	-40°C to +120°C      -40°F to +248°F
<b>Cleaning</b>	Detergent:  Temperature:	Clean with detergent suitable for supplied rubber material and steel grade. Topactive 200, Topaz AC3, Topaz AC5, P3-topax 66, P3-topazxx 990, P3-topactive okto has been tested and deemed suitable. Recommended water temperature for cleaning is 40 to 50°C / 104 to 122°F

# Annex A

The listed product series are conformal to the following guidelines, norms and standards.

**1907/2006/EC**  
incl.  
SVHC list 240  
January 2024

## **Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)**

Under the REACH legislation, Article 33, NGI is obliged to communicate information on SVHC in articles.

We have surveyed our sub-suppliers regarding REACH and their obligation to register substances and can thus state that none of our products covered by this Declaration of Conformity contain SVHC substances above 0,10% by weight.

**2011/65/EU**  
Incl.  
amendment  
2015/836

## **Restriction of Hazardous Substances (RoHS 1, 2 and 3)**

The listed product series are free from all of the following substances covered by RoHS

- Mercury
- Cadmium
- Hexavalent chromium
- Polybrominated biphenyls (PBB)
- Polybrominated diphenyl ethers (PBDE)
- Bis(2-ethylhexyl) phthalate (DEHP)
- Butyl benzyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Diisobutyl phthalate (DIBP)

**Phthalates**

## **Phthalate free**

The listed product series contains no phthalates or terephthalate plasticizers

**2014/35/EU**

## **Low Voltage Directive**

The following standards are applied

- DS/EN 62444:2013 - Cable glands for electrical installations
- EN 60529 - Degrees of protection provided by enclosures (IP Code)

**EHEDG DOC 8+13\***

## **Hygienic design principles + Hygienic design of open equipment for processing of food**

These documents detail the hygienic design principles that shall be followed when designing and constructing equipment and factories for manufacturing of foods and is used as a basis for hygienic design evaluation within the EHEDG equipment certification program.

**2014/34/EU**  
ATEX 114

## **Equipment and protective systems intended for use in potentially explosive atmospheres**

The listed series does not have its own effective source of ignition and is thus suitable for the construction of equipment for ATEX zones.

\* Complies with the mentioned standard, but does not have an EHEDG certificate issued for the product series