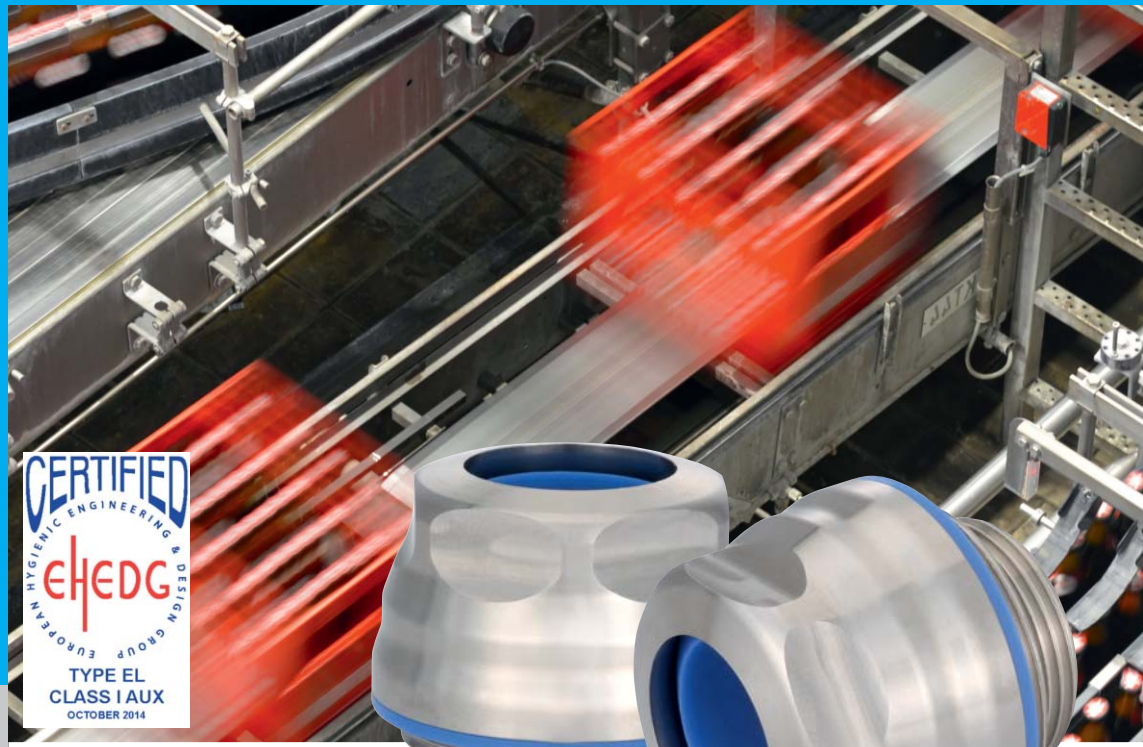
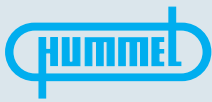


## HSK-INOX Hygienic-Design



Cope with all hygienic requirements



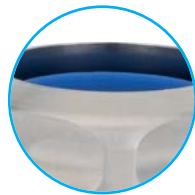
## Cable Glands for special applications

### Tested quality: EHEDG certified

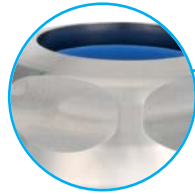
Enclosures of Hygienic Cable Glands are without corners and edges as well as exposed external threads. Additionally the surface roughness is smaller than  $Ra\ 0,8\mu m$ . All in all this is leading to a very easy cleaning of the Cable Glands and avoids deposits of bacteria and microorganisms. The enclosure made of stainless steel (EN 1.4404 / AISI 316L) and the silicone sealing are EHEDG certified and FDA conform.

### HSK-INOX-HD-Pro: One without corners and edges

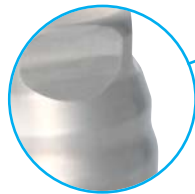
The elastic membrane sealing avoids cable slipping



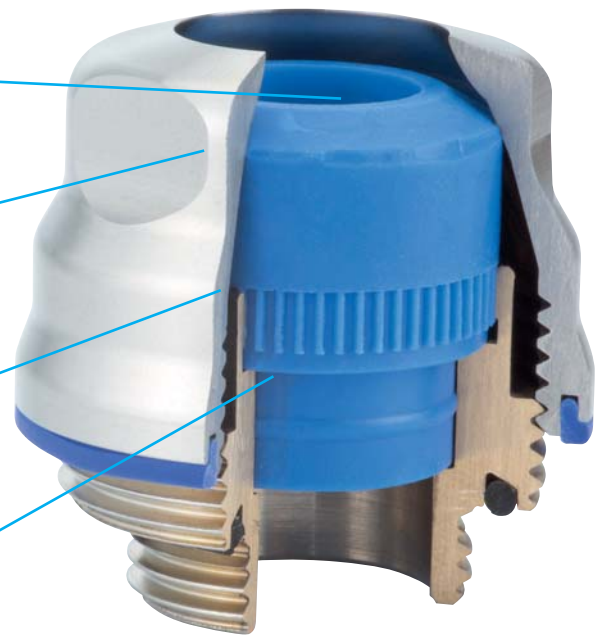
Easy cleaning, because of missing corners and edges.



Resistant enclosure made of stainless steel (AISI 316L)



High-quality silicone sealing



■ EHEDG-certified

■ free of halogens and phosphate

■ high-pressure tested (IP 69K)

■ operating temperature  
(-40 °F to +248 °F)

## Perfection down to details creates even more security

The Hygienic-Design-Series have all approved HUMMEL advantages. HUMMEL-Cable Glands are characterized by an extremely high strain relief, provide a 360° connection of the cable shielding and protect the sealing insert from twisting during assembly. The Hygienic-Cable Glands are made of high-quality stainless steel (1.4404 / AISI 316L) and with a membrane sealing made of silicone.

### The approved HUMMEL-advantages

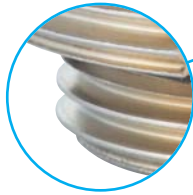
High strain relief



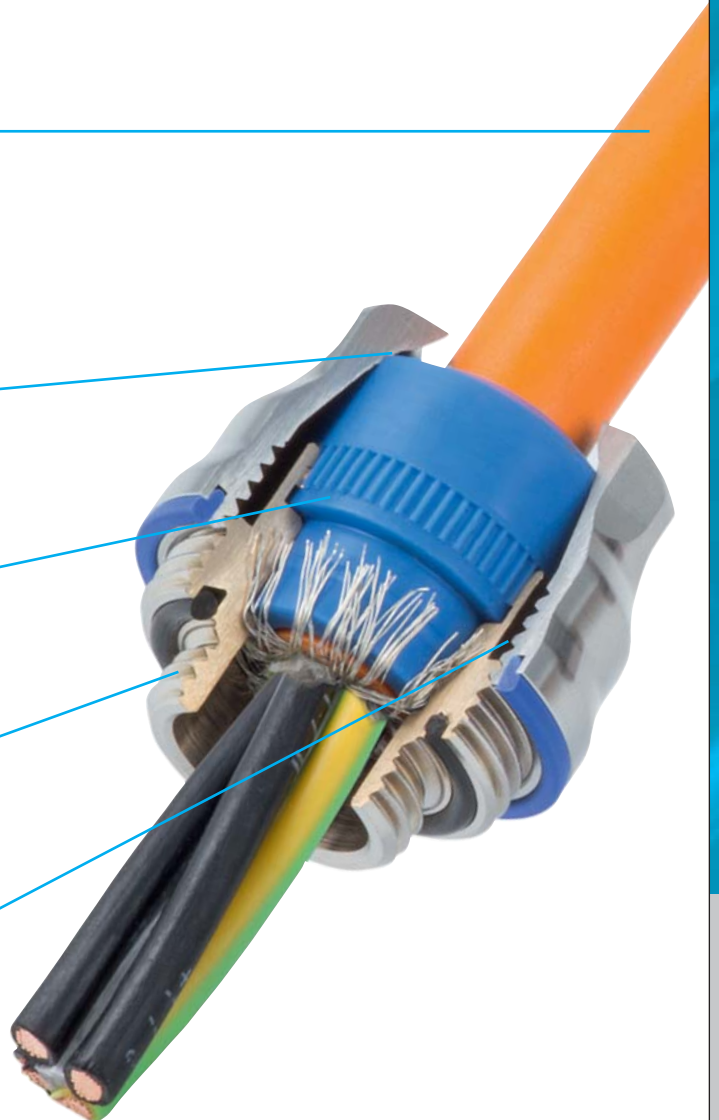
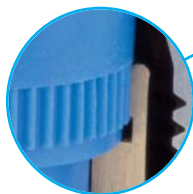
360° EMC contacting



Connection thread  
M12 to M32



No twisting of the  
seal inserts and cables



■ fast and easy assembly  
without special tools

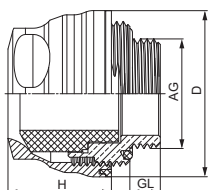
■ surface roughness  $\leq Ra\ 0,8\ \mu m$

■ resistant stainless steel enclosure

■ high chemical resistance

## HSK-INOX-HD Pro

Metr.



EMC

**ideal for high-pressure cleaning**

Material HD-enclosure	1.4404 / AISI 316 L
Sealing HD-enclosure	VMQ (Silicone), blue (similar RAL 5017)
Protection	IP 66, IP 68 to 10 bar, IP 69K
Operating Temperature	-40 °F to +248 °F

- Advice:**
- EMC connection integrated
  - VDMA Riboflavin cleaning test passed
  - EHEDG 01 cleaning test passed
  - EHEDG certificate EL class I AUX approved

Upon request:  
- elongated threads, further sizes, other temperature range

## HSK-INOX-HD-Pro

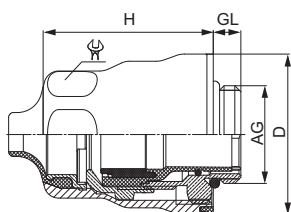
HYGIENIC DESIGN



AG	∅ mm	GL mm	H mm	D mm	mm	Number
M 12 x 1,5	5 - 6,5	6	19	21	14	1.740.1203.50
M 16 x 1,5	7,5 - 10	6	20	27	19 / 21	1.740.1603.50
M 16 x 1,5	6 - 7,5	6	20	27	19 / 21	1.740.1603.51
M 20 x 1,5	11 - 13,5	6	22,5	33	24 / 27	1.740.2003.50
M 20 x 1,5	9 - 12	6	22,5	33	24 / 27	1.740.2003.51
M 25 x 1,5	15 - 18	7	23,5	38	30	1.740.2503.50
M 25 x 1,5	14 - 16	7	23,5	38	30	1.740.2503.52
M 32 x 1,5	21 - 25	8	26,5	45	36	1.740.3203.50
M 32 x 1,5	18 - 21	8	26,5	45	36	1.740.3203.51

## HSK-INOX-HD

Metr.



EMC

**ideal for foam-cleaning**

Material HD-enclosure	1.4404 / AISI 316 L
Sealing HD-enclosure	VMQ (Silicone), blue (similar RAL 5017)
Protection	IP 68
Operating Temperature	-40 °F to +248 °F

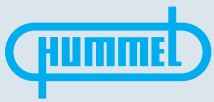
- Advice:**
- EMC integrated
  - elongated threads on request
  - other sizes upon request
  - temperature range -31 °F to +302 °F (PVDF Version) on request
  - ideal for foam-cleaning

## HSK-INOX-HD

HYGIENIC DESIGN



AG	∅ mm	GL mm	H mm	D mm	mm	Number
M 12 x 1,5	3,5 - 6,5	6	30	21	14	1.740.1202.50
M 16 x 1,5	5 - 10	6	34	27	18 / 20	1.740.1602.50
M 20 x 1,5	10 - 14	6	34,5	33	24	1.740.2002.50
M 25 x 1,5	13 - 18	7	41,5	38	27 / 30	1.740.2502.50



HSK-INOX Hygienic-Design

# Cope with all hygienic requirements

The hygienic design Cable Glands of HUMMEL AG have been developed for applications with special requirements. They are used in areas where high hygienic standards for cleaning are demanded. These are areas where deposits of bacteria and microorganisms need to be avoided.

## Fields of application

- Food industry
- Beverage industry
- Pharma industry
- Packaging machinery
- Biotechnical plants
- Chemical industry

### HSK-INOX-HD-Pro



Recommended in all areas, which are cleaned by high-pressure cleaning: HSK-INOX-HD-Pro

### HSK-INOX-HD



Excellent solution for applications, which are cared with foam-cleaning: HSK-INOX-HD

# Product range electric components

## CABLE GLANDS

Polyamide-, Brass- and Stainless steel,  
EMC-connections, Ex e-, Ex d-, Ex ta-Cable Glands



## CIRCULAR CONNECTORS

M 8 to M 40, INOX, TWILOCK, Industrial Ethernet,  
Power, Signal, Hybrid-Connector, Moulded Cordsets



## INDUSTRIAL ENCLOSURES

Enclosures made of PC, Polyester, Aluminium and Stainless Steel,  
Customized Systems, Enclosure-Configurator



## CONDUIT SYSTEMS

Corrugated Conduit Systems, Conduit Cable Glands, Angled Systems,  
combined Cable Glands, Accessories



## CABLE ASSEMBLY

Moulded Signal- and Power Circular Connectors,  
Servo Cables, Cable Sets



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