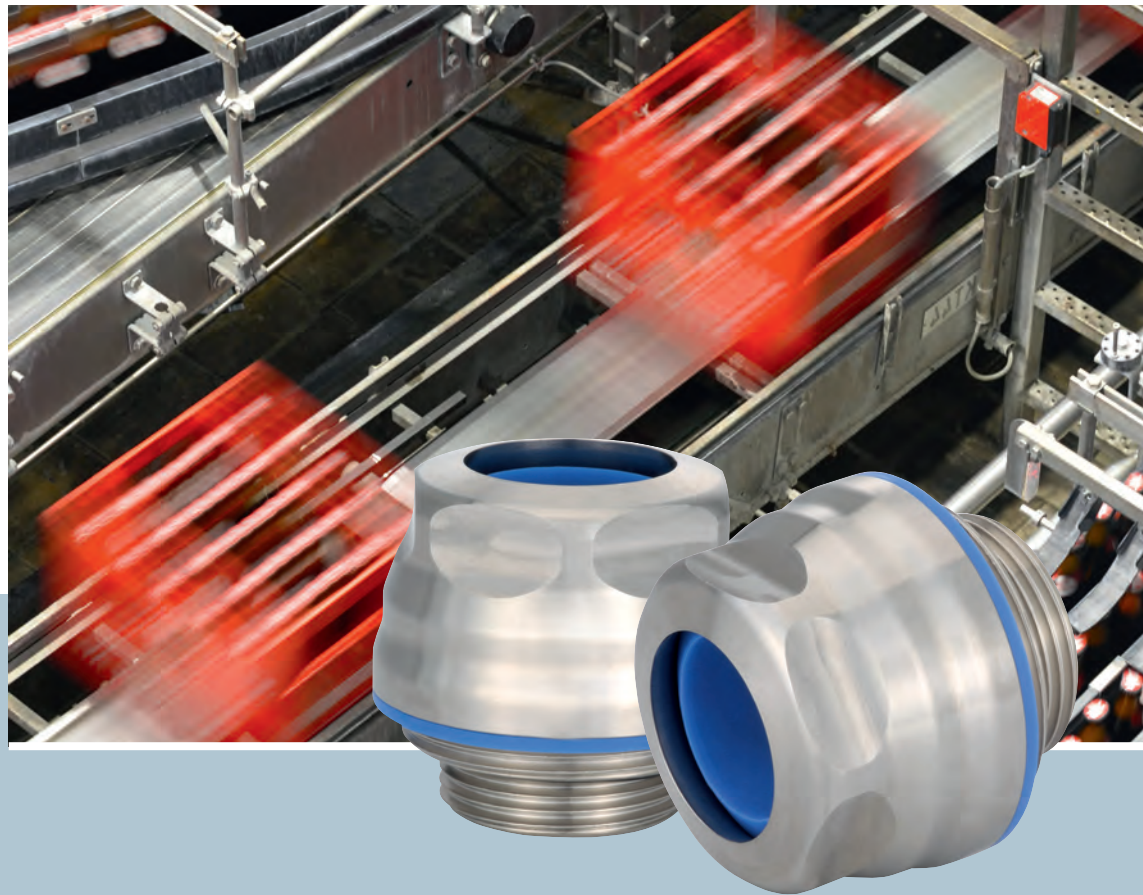


HSK-INOX HYGIENIC-DESIGN



COPE WITH ALL HYGIENIC REQUIREMENTS

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

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 micro-organisms. The enclosure made of stainless steel (EN 1.4404 / AISI 316L) and the silicone sealing are EHEDG certified and FDA conform.

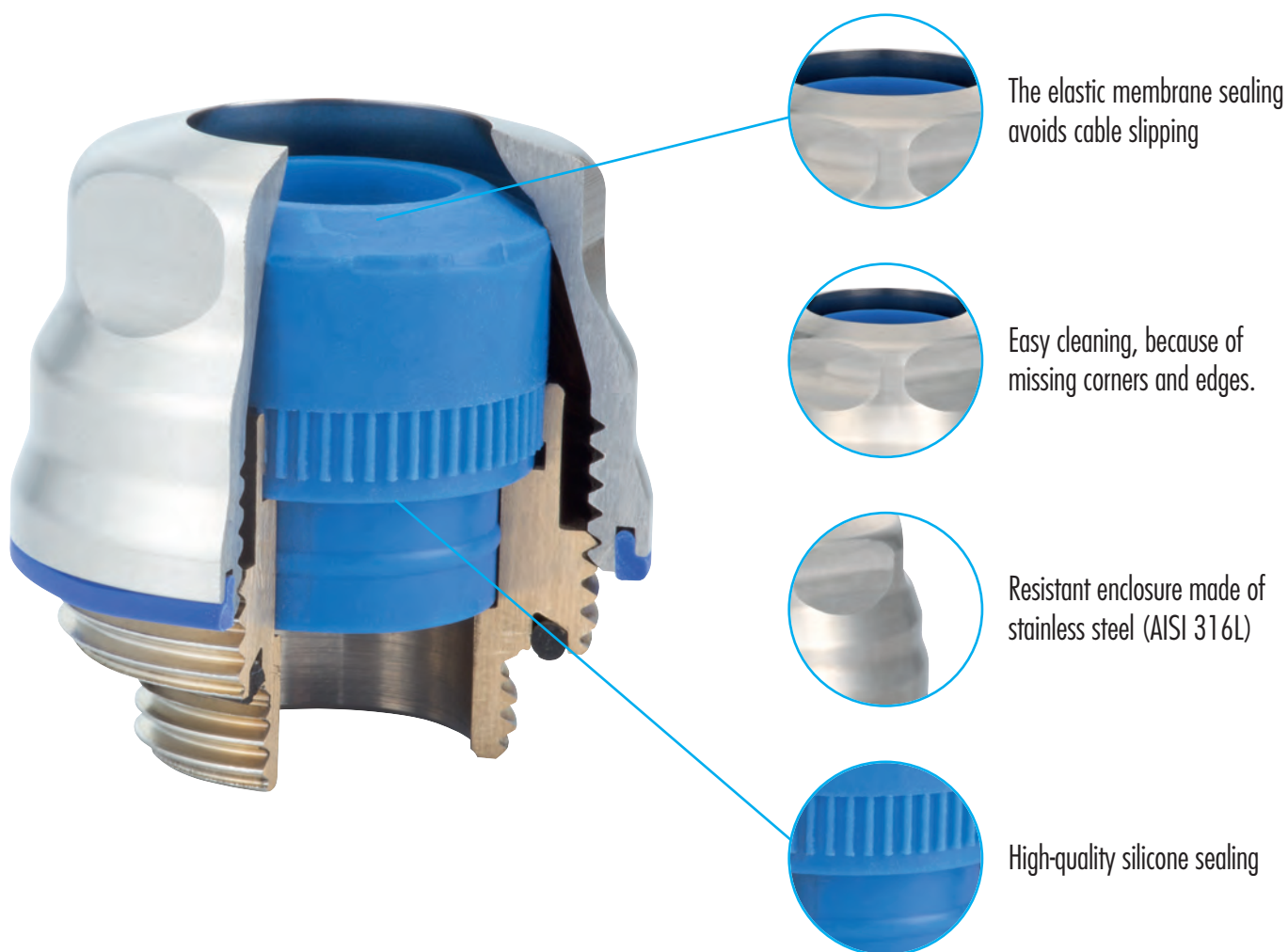
HSK-INOX-HD-Pro: One without corners and edges

// EHEDG-certified

// free of halogens and phosphate

// high-pressure tested (IP 69K)

// operating temperature $-40\ ^\circ C$ to $+120\ ^\circ C$ ($-40\ ^\circ F$ to $+248\ ^\circ F$)



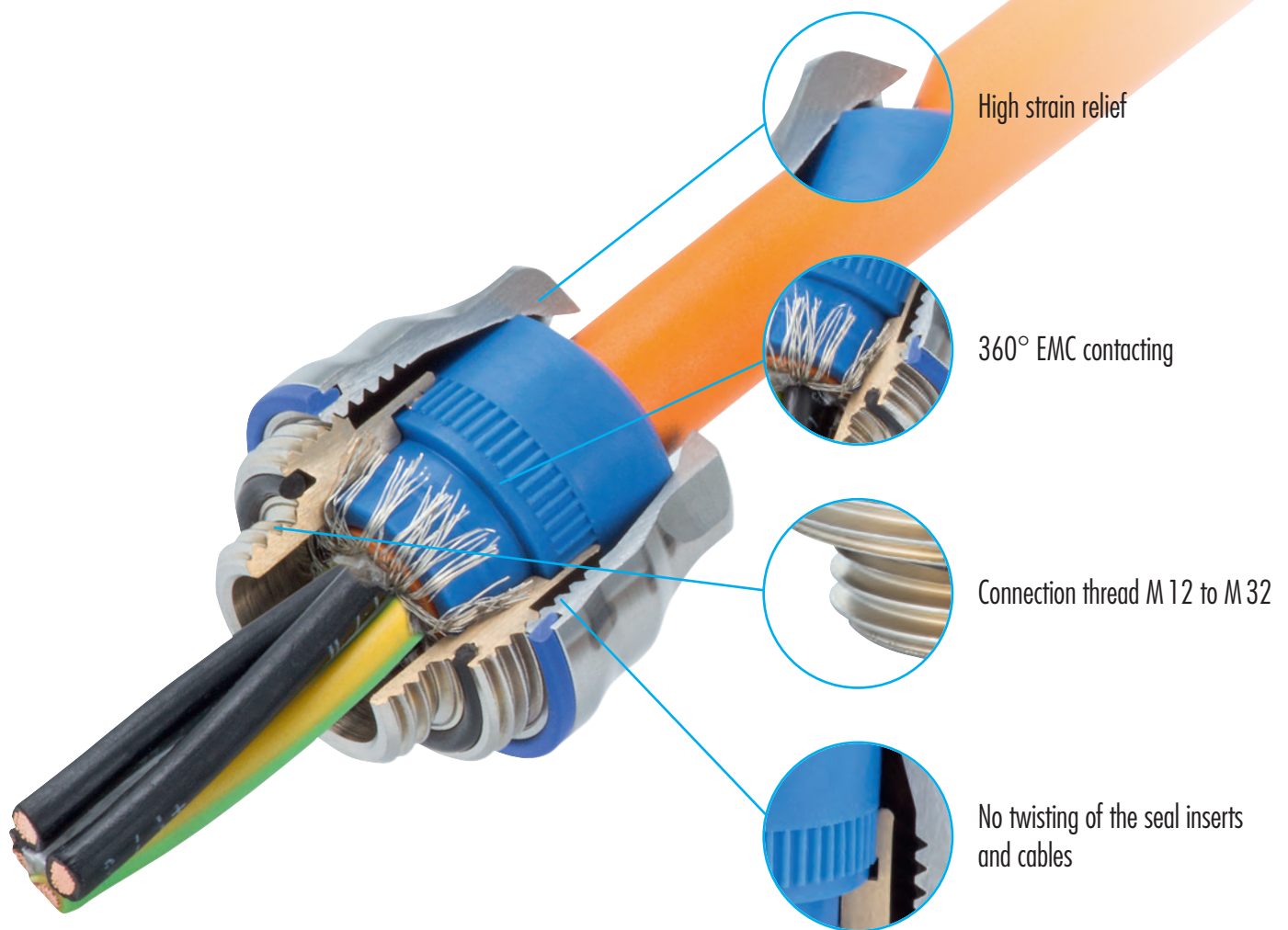
Perfection down to details creates even more security

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

- // fast and easy assembly without special tools
- // surface roughness $\leq Ra\ 0,8\ \mu m$

- // resistant stainless steel enclosure
- // high chemical resistance



HSK-INOX HYGIENIC-DESIGN

HSK-INOX-HD Pro

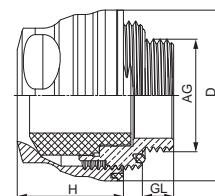
Metr.



Material HD-enclosure	1.4404 / AISI 316 L
Sealing HD-enclosure	VMQ (Silicone), blue (similar RAL 5012)
Protection	IP 66, IP 68 to 10 bar, IP 69K
Operating Temperature	-40 °C to +120 °C (-40 °F to +248 °F)




EMC



- // 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

ideal for high-pressure cleaning

AG	\varnothing 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 20 x 1,5	11–13,5	6	20	28	21 / 24	1.740.2003.54
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

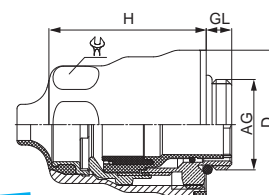
HSK-INOX-HD

Metr.




Material HD-enclosure	1.4404 / AISI 316 L
Sealing HD-enclosure	VMQ (Silicone), blue (similar RAL 5012)
Protection	IP 68
Operating Temperature	-40 °C to +120 °C (-40 °F to +248 °F)

EMC



- // 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

ideal for foam-cleaning

AG	\varnothing 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

ELECTRIC COMPONENTS

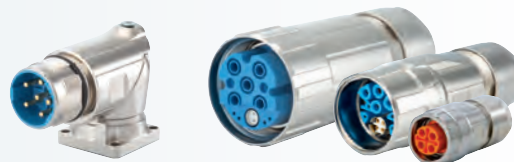
Cable Glands

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



Circular Connectors

M 12 Power to M 40, INOX, TWILOCK, Industrial Ethernet,
Power, Signal, Hybrid-Connector, Moulded Cordsets



Conduit Systems

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



Cable Assembly

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



www.hummel.com

HUMMEL AG
Lise-Meitner-Straße 2
79211 Denzlingen
Germany
www.hummel.com

Tel. +49 (0) 76 66 / 9 11 10-200
Fax +49 (0) 76 66 / 9 11 10-20
E-Mail info@hummel.com

