

## VariaPro



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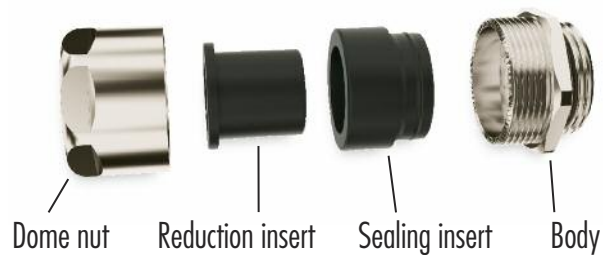
CABLE GLANDS FOR SPECIAL CHALLENGES

# VariaPro: Four for all cases

Demanding markets with special challenges - these are the ideal conditions for VariaPro. The new cable glands are designed for extreme environments. The product family includes four variants with different capabilities for very special requirements. However, they all have one thing in common: the HUMMEL quality appreciated by customers.

What also connects the cable glands of the VariaPro series:

- // Very robust design
- // Protection IP 68 to 10 bar
- // Integrated EMC connection
- // Slim structure
- // Simple assembly



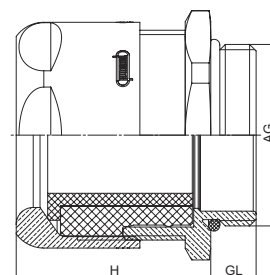
## VariaPro Rail

Metr.



Material	Nickel plated brass
Seal/O-Ring	EPDM
Protection	IP 68 – 10 bar within the specified clamping range
Operating Temperature	-40 °C – 100 °C (-40 °F – 212 °F)

- // DIN EN 45545-2 and DIN EN 45545-3
- // Fire resistance E30



AG	∅ mm	GL	H mm	mm Dome Nut	mm Body	Number
M 20 x 1,5	7,0–14,0	6	27	22	24	1.750.2000.50*
M 20 x 1,5	10,0–14,0	6	27	22	24	1.750.2000.51
M 25 x 1,5	11,0–18,0	7	29	27	30	1.750.2500.50*
M 25 x 1,5	14,5–18,0	7	29	27	30	1.750.2500.51
M 32 x 1,5	16,0–25,0	8	34	36	40	1.750.3200.50*
M 32 x 1,5	20,5–25,0	8	34	36	40	1.750.3200.51
M 40 x 1,5	21,0–32,0	8	40	46	50	1.750.4000.50*
M 40 x 1,5	26,5–32,0	8	40	46	50	1.750.4000.51

\* Versions with removable reducers

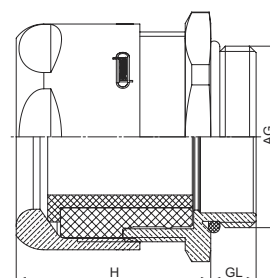
## VariaPro Temp

Metr.



Material	Nickel plated brass
Seal/O-Ring	VMQ (Silikon)
Protection	IP 68 – 10 bar within the specified clamping range
Operating Temperature	-60 °C – 200 °C

- // Suitable for absolute low temperature applications
- // Also ideal for high temperatures up to 200 °C



AG	∅ mm	GL	H mm	mm Dome Nut	mm Body	Number
M 20 x 1,5	7,0–14,0	6	27	22	24	1.751.2000.50*
M 20 x 1,5	10,0–14,0	6	27	22	24	1.751.2000.51
M 25 x 1,5	11,0–18,0	7	29	27	30	1.751.2500.50*
M 25 x 1,5	14,5–18,0	7	29	27	30	1.751.2500.51
M 32 x 1,5	16,0–25,0	8	34	36	40	1.751.3200.50*
M 32 x 1,5	20,5–25,0	8	34	36	40	1.751.3200.51
M 40 x 1,5	21,0–32,0	8	40	46	50	1.751.4000.50*
M 40 x 1,5	26,5–32,0	8	40	46	50	1.751.4000.51

\* Versions with removable reducers

## VariaPro FKM

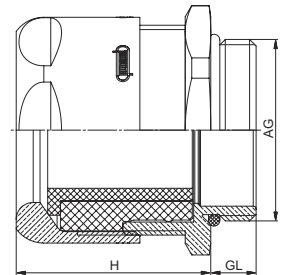
Metr.



Material	Nickel plated brass
Seal/O-Ring	FKM
Protection	IP 68 – 10 bar within the specified clamping range
Operating Temperature	-20 °C – 180 °C (-4 °F – 356 °F)

- // High resistance to acids and chemicals
- // Suitable for the process industry

RoHS EMC



AG	∅ <sub>k</sub> mm	GL	H mm	∅ mm Dome Nut	∅ mm Body	Number
M 20 x 1,5	7,0–14,0	6	27	22	24	1.752.2000.50*
M 20 x 1,5	10,0–14,0	6	27	22	24	1.752.2000.51
M 25 x 1,5	11,0–18,0	7	29	27	30	1.752.2500.50*
M 25 x 1,5	14,5–18,0	7	29	27	30	1.752.2500.51
M 32 x 1,5	16,0–25,0	8	34	36	40	1.752.3200.50*
M 32 x 1,5	20,5–25,0	8	34	36	40	1.752.3200.51
M 40 x 1,5	21,0–32,0	8	40	46	50	1.752.4000.50*
M 40 x 1,5	26,5–32,0	8	40	46	50	1.752.4000.51

\* Versions with removable reducers

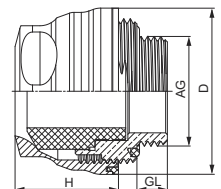
## HSK-INOX-HD-Pro

Metr.



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

- // EHEDG certified
- // Successful VDMA riboflavin test



AG	∅ <sub>k</sub> 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

## VariaPro Rail



- // DIN EN 45545-2 and DIN EN 45545-3
- // Fire resistance E30
- // For all trains in the European network
- // Integrated EMC connection
- // Large clamping range due to reducing insert
- // Integrated anti-twist protection during cable installation

## VariaPro Temp



- // For applications under extreme conditions
- // Suitable for absolute low temperature applications
- // Also ideal for high temperatures up to 200 °C
- // Integrated EMC connection
- // Large clamping range due to reducing insert
- // Integrated anti-twist protection during cable installation

## VariaPro FKM



- // High resistance to acids and chemicals
- // Suitable for the process industry
- // For applications in chemistry, pharma or biotechnology
- // Integrated EMC connection
- // Large clamping range due to reducing insert
- // Integrated anti-twist protection during cable installation

## HSK-INOX-HD-Pro



- // EHEDG certified
- // Successful VDMA riboflavin test
- // Designed for the food industry
- // Suitable for high pressure cleaning
- // Integrated EMC connection
- // Halogen- and phosphate-free

# ELECTRIC COMPONENTS

## Cable Glands

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



## Circular Connectors

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



## 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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