

## COMPONENTS FOR THE PROCESS INDUSTRY



FOOD & BEVERAGE, PHARMACY, CHEMISTRY, PETROCHEMISTRY

# Developed and produced for extreme requirements

Every industry has its own requirements. This is particularly true of the process industry. Chemical, pharmaceutical, food industry and the energy sector have one thing in common: harsh environmental conditions for machines, plants and components. Humidity, high temperatures, danger of explosion or special hygienic requirements are usual.

- // High temperature range
- // Danger of explosion
- // Special hygienic requirements
- // Long service life
- // Acid resistant

### Signal Connectors

M 16, M 23



- // Stainless steel AISI 316 L
- // Protection IP 67, IP 69K (connected)
- // Temperature range: -40 °C to + 125 °C
- // Screw connection
- // 3 to 19 contacts

### Power Connectors

M 16, M 23, M 40



- // Stainless steel AISI 316 L
- // Protection IP 67, IP 69K (connected)
- // Temperature range: -40 °C to + 125 °C
- // Screw connection
- // 3 to 9 contacts

### INOX Accessories

Lock nuts / Plugs / Adapters



- // Stainless steel AISI 303 / AISI 316 L
- // Protection IP 68 to 10 bar / IP 69K
- // Ex certification

## Hygienic Cable Gland

### HSK-INOX-HD Pro



- // Stainless steel AISI 316 L
- // Sizes M 12 to M 32
- // EMC integrated
- // Protection IP 66, IP 68 to 10 bar, IP 69K
- // Temperature range -40 °C to + 120 °C
- // Silicone sealing
- // FDA conforming materials
- // Ideal for high-pressure cleaning (IP 69 K)

## INOX Cable Gland

### HSK-INOX / EMC



- // Stainless steel AISI 303 / AISI 316 L
- // Sizes M 12 to M 32
- // EMC versions
- // Protection IP 68 to 10 bar, IP 69 K
- // Temperature range -40 °C to + 100 °C
- // Various thread lengths

## High Temperatures

### 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

## Ex Cable Gland

### EXIOS



- // Stainless steel AISI 316 L
- // Protection IP 68 to 10 bar / IP 69 K
- // Type of protection: Ex-d / Ex-e
- // Clamping insert: Polyamide
- // Temperature range -60 °C to + 105 °C

## Ex Cable Gland

### Ex-d / Ex-e



- // Stainless steel AISI 303 / AISI 316 L
- // Protection IP 68 to 10 bar / IP 69 K
- // Type of protection: Ex-d / Ex-e
- // Clamping insert: Polyamide / PVDF

## Acid Resistant

### VariaPro FKM / HSK-K-PVDF



- // High resistance to acids and chemical
- // Suitable for the process industry
- // For applications in chemistry, pharma or biotechnology

# 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,  
Combined Cable Glands, Accessories



## Cable Assembly

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



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