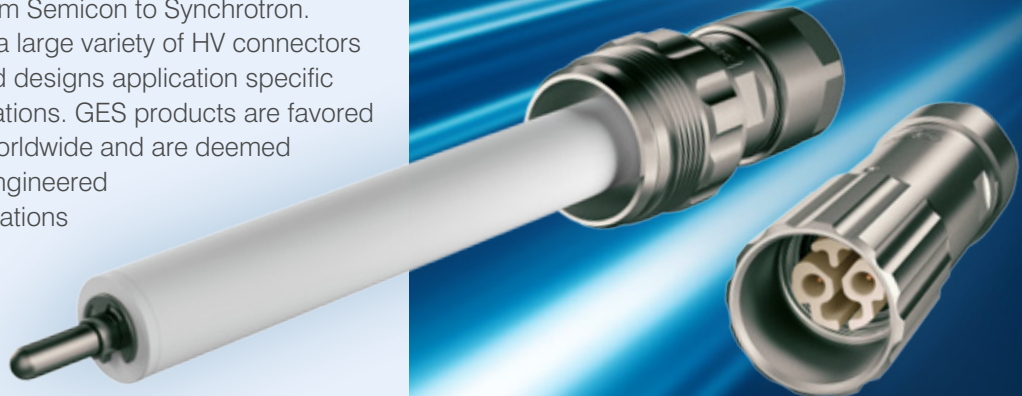


Favored for sensitive applications in **industry** and **science**



About GES

GES High Voltage is a manufacturer of premium high voltage connectors located near New York/USA and Munich/Germany (HQ). Transmitting voltages up to 100 kV DC in precision equipment and facilities, GES is established in high-technology markets from Semicon to Synchrotron. GES High Voltage provides a large variety of HV connectors in diverse configurations and designs application specific customizations and modifications. GES products are favored by demanding customers worldwide and are deemed as highly reliable and well-engineered solutions for sensitive applications in industry and science.



High Voltage Technology

- › HV Power Supplies
- › HV Generators
- › HV Amplifiers
- › HV Ballasts
- › HV Metrology
- › HV Systems

Semiconductors & Microelectronics

- › RIE / FIB Processing
- › EUV-Lithography
- › Plasma Etching

Analysis & Inspection

- › Electron Microscopy
- › X-ray Spectroscopy
- › Mass Spectrometry

Medical & Biotechnology

- › Radiation Sterilization
- › Radiology, Fluoroscopy
- › Electrophoresis

Surface & Material Processing

- › Ebeam / UV Processing
- › Induction, Diffusion
- › Testing, Charging

Particle & Nuclear Physics

- › Accelerators, Synchrotrons
- › Magnetrons, Klystrons
- › CR / TWT-Tubes

Product Overview

High Voltage Connectors

Single pin high voltage connectors



	S Series	100 Series
Max. operating voltage DC	40 kV	100 kV
Operating current	30 A	30 / 80 A
Max. diameter of dielectric cable insulation	5.0 mm	10.0 mm
Max. jacket diameter of cable	6.5 mm	14.0 mm
Wire sizes	AWG 22 – 14	AWG 22 – 8

Variable full plastic high voltage connectors



	VarioPro CL	VarioPro Basic
Max. operating voltage DC	13 kV	8 kV
Operating current	13 A	13 A
Number of poles	1 – 3	1 – 2
Max. diameter of dielectric cable insulation	4.2 mm	4.2 mm
Wire sizes	AWG 26 – 14	AWG 26 – 14

Multi pin circular high voltage connectors



	Series MCS	Series MC	Series M
Max. operating voltage (DC)	5 kV	15 kV	12 kV
Operating current	4.5 A	13 A	30 A
Number of pins	2 – 6	2 – 5	2 – 9
Max. diameter of dielectric cable insulation	1.6 mm	4.0 mm	7.0 mm
Wire sizes	AWG 26 – 22	AWG 26 – 14	AWG 22 – 14

Multi pin modular connectors



	MOD-HP	MOD-T
Max. operating voltage (DC)	12 kV	12 kV
Operating current	25 A	30 A
Number of pins	2 - 14	2 - 14
Max. diameter of dielectric cable insulation	6.2 mm	7.0 mm
Wire sizes	AWG 20 – 12	AWG 22 – 14