



**Joysticks**

Poignées de pilotage  
Steuerknüppel

**Rotary potentiometers**

Potentiomètres rotatifs  
Drehpotentiometer

**Linear motion transducers**

Capteurs de déplacement  
Wegaufnehmer

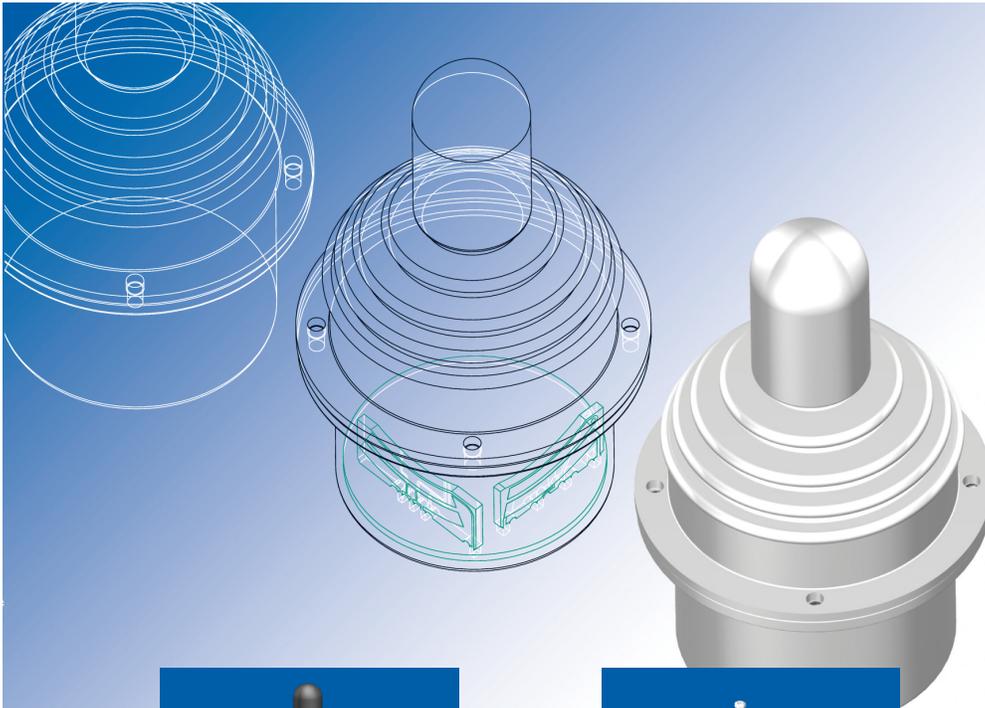
## High precision control and measurement systems in trusted Swiss quality

In 1958, the engineer Mr. Jürg Genge founded the company and was subsequently joined by Mr. Alfred Thoma. The company later moved to its current location at the foot of the Jura mountain range, in the heartland of the most famous Swiss watch production sites where mechanical innovation and electrical engineering are practiced with passion.

**Genge & Thoma AG**  
joysticks & sensors



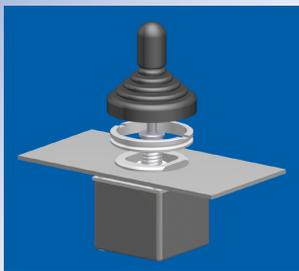
Certified ISO 9001: 2008



In 2006, the company underwent a change of ownership as part of a succession process, and has since been managed successfully by the new owners, the Grete family.

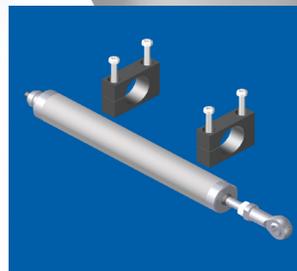
Today, after several years of growth, more than 30 motivated employees are engineering and manufacturing high quality electromechanical systems for measurement and multidimensional control devices as man-/ machine interfaces.

The main focus is on engineering and efficient production to meet the requirements of our customers with affordable solutions and top-edge technologies.



**Joysticks**

With many decades of experience, Genge & Thoma AG develops and manufactures standard as well as customized solutions, which are characterized by their ergonomics, their precise control characteristics and long life cycles. In highly sensitive medical equipment, on machine tools, in the heavy load industry or on any kind of vehicles, Genge & Thoma AG joysticks perform an authentic, accurate and reliable task. They are robust, waterproof and they withstand enduring stress. Different compact designs allow installation in confined spaces.



**Linear motion sensors**

Genge & Thoma AG produces a wide range of different standard stroke lengths for the most diverse applications, for example robotics, automation engineering, mechanical sensing and sampling, machine tools and processing machines, the paper and food processing industry, the textile industry, special vehicle construction, x-ray environment, geotechnical engineering and medical technology. Built to last, with top-quality, hardy materials for rugged conditions, Genge & Thoma AG transducers perform a high-precision, dependable job.



**Rotary sensors**

Fields of application: automation, actuators, dancer regulators, control units, steering and stroke angles on special vehicles or electric vehicles, operating consoles, scooters, etc. Genge & Thoma AG is able to custom-design special potentiometers, for example if the space available does not permit use of standard products, or if you need a special resistance or any kind of combined signal. Genge & Thoma AG has an own engineering department, which can efficiently co-operate with your R&D department to find a quick and cost-saving solution.



## Applications

**Genge & Thoma AG**  
joysticks & sensors



Joysticks, linear motion transducers and rotary potentiometers for all fields of advanced technologies, for

example medical equipment, engineering, rehabilitation, robotics, etc.



Joysticks with special interfaces (e.g. CANopen, USB), models with friction brakes, using special materials (wood, chromed steel, aluminum, etc.).

Joysticks and special marine controllers for all sectors of the marine industry as well as custom designed controls for yachts.



Multifunctional joysticks, linear motion transducers, wigwag and rotary potentiometers for special vehicles, construction, agricultural or communal machines, driver's cabins, fork-lifts and electric vehicles,



remote automation technology, heavy load transporters, controls, power production plants. Sensing and measuring machines, geotechnical engineering, and, etc.

You name it, we build it.



**Swiss quality professional  
joysticks, linear motion  
transducers, rotary / wigwag  
potentiometers**

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world wide network of  
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range to help you finding  
the required joystick or  
sensor.**

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