Spohn+Burkhardt
Elektrotechnische Fabrik Blaubeuren

Ship and harbour

Joysticks and handles

Spohn+Burkhardt
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Individual control concepts -
We realize your solution

TRADITION AND EXPERTISE

The company was founded in Blaubeuren by Karl Spohn and David Burkhardt in 1920 and is still 100 percent family-owned.
Today, with 200 employees, we manufacture a broad production program of joysticks, control stands and resistors of recognized quality at two locations.

With engineering knowledge and decades of experience, we solve your problems together with you and accompany you from start to finish. That is our strength and at the same time the basis of our success.

As a Swabian medium-sized company, our strength lies in the unbeatable advantage of being able to react quickly and flexibly. When technology is moved around the world, Spohn + Burkhardt is usually the trigger.

FACTS AND FIGURES

- Founded in 1920 by Karl Spohn and David Burkhardt
- Headquarters Blaubeuren
- Plant Schelklingen
- About 65 representatives in 45 countries
- About 200 employees

BENEFITS

- Made in Germany
- Decades of experience in joystick design and manufacturing
- Optimum combination options of our joysticks and handles
- Harmonious relationship between joystick and equipment
- Deliveries from single pieces up to series production
- Upmost quality and service life
- Large dealer network providing service worldwide
- Custom designed solutions per customer requirements

Joysticks

VCS0

- Metal drive mechanism, drive block made of high-quality plastic
- Long mechanical service life of up to 10 million switching cycles
- Optional retrofitting of potentiometers, optoelectronic encoders
- Maximum 6-0-6 stages with standard or custom switching mechanisms
- Weight-optimized design,
- Friction brake, spring-return or indexed
- Combinable with several SPOBU handles

VNS0

- Very robust drive mechanism and metal drive block
- Long mechanical service life of up to 20 million switching cycles
- Maximum 7-0-7 stages
- Optional retrofitting of potentiometers, optoelectronic encoders
- Versions for Ex-zone available
- Version with double lever available
- Combinable with several SPOBU handles

NNS0

- Extremely robust metal drive mechanism
- Long mechanical service life of up to 25 million switching cycles
- Maximum 6-0-6 stages
- Optional retrofitting of potentiometers, optoelectronic encoders
- Versions for Ex-zone available
- Optionally with integrated interfaces for CANopen, SAEJ1939, Profibus, ProfiNet
- Combinable with several SPOBU handles

CS1

- Metal drive mechanism, drive block made of high-quality plastic
- Long mechanical service life of up to 10 million switching cycles
- Non-contact HALL sensors or light-weight plastic potentiometers
- Microswitches for hardware wiring
- Optionally integrated interfaces for CANopen, SAEJ1939, Profibus
- Combinable with several SPOBU handles

NS3

- Metal drive mechanism and drive block
- Long mechanical service life of up to 20 million switching cycles
- Non-contact HALL sensors and/or light-weight plastic potentiometers
- Microswitches for hardware wiring
- Optionally integrated interfaces for CANopen, CANopenSafety, Profibus, ProfiNet, ProfiNet with ProfiSafe protocol
- Combinable with several SPOBU handles

HS0

- Metal drive and housing
- Long mechanical service life of up to 10 million switching cycles
- Non-contact 3D Hall sensors
- Low installation depth
- Redundant analogue exit
- Optional external interfaces for CANopen, SAEJ1939, Profibus, ProfiNet
- Combinable with several SPOBU handles

HS2

- Metal drive and housing
- Long mechanical service life of up to 10 million switching cycles
- Non-contact 3D Hall sensors
- Redundant analogue exit
- Optional integrated interfaces for CANopen, SAEJ1939, Profibus, ProfiNet
- Combinable with several SPOBU handles

Handles

Standard handles

G41

- Standard plastic handle for CS1, VCS0 and VNS0 joysticks
- Optionally with recessed or protruding button with various protection ratings
- Available with integrated capacitive hand recognition sensor
- Version G41-Z for mechanically locking joystick

G48

- Standard plastic handle for NNS0 joysticks
- Optionally with recessed or protruding button with various protection ratings
- Available with integrated capacitive hand recognition sensor
- Version G46-Z for mechanically locking joystick

G22

- Plastic handle Ø 40 mm
- A maximum of 1 pushbutton can be integrated
- Recessed or protruding pushbutton installation
- Version G22Z for mechanically locking joystick
- Combinable with several SPOBU joysticks

G21

- Plastic handle Ø 45 mm
- A maximum of 2 pushbuttons can be integrated
- Recessed or protruding pushbutton installation
- Version G21Z for mechanically locking joystick
- Combinable with several SPOBU joysticks

Palm handles

G40

- Ball handle with several installation options
- Push buttons on the side and/or on top
- Alternatively with toggle switch on top
- Optionally with hand rest
- Combinable with several SPOBU joysticks

G4T

- Forward-tilting ball handle
- Lever switch on front
- Optionally with toggle switch, pushbutton or rotary potentiometer on top
- Combinable with several SPOBU joysticks

G9

- Compact ball handle with/without pushbuttons
- Optionally with capacitive hand recognition sensor
- Operable with 2 fingers or whole hand
- Combinable with several SPOBU joysticks

G25

- Compact plastic handle
- Operable with 2 fingers or whole hand
- Up to 6 pushbuttons can be integrated
- Combinable with several SPOBU joysticks

G51

- Compact plastic handle
- Up to 6 pushbuttons can be integrated
- Combinable with several SPOBU joysticks

Ball handles

KG56-IKKZ

- Ball handle for mechanical locking for VNS0, NNS0, VNS2 joysticks
- in combination with slot or cross gates
- Optionally with contact

T-handles

G1

- T-handle with/without pushbuttons
- Optional mechanical pivoting for individual adjustment
- Version G1Z for mechanically locking joysticks
- Optionally with dead man's function by pressing down
- Optionally integrated capacitive hand recognition sensor
- Combinable with several SPOBU joysticks

G13

- T-handle with/without pushbutton
- Stationary or rotating with a maximum of 2-0-2 stages
- Version G13Z for mechanically locking joystick
- Optionally with capacitive hand recognition sensor
- Combinable with several SPOBU joysticks

Rotary handles

G50

- Handle with integrated rotating function
- Sensors with lightweight plastic potentiometers with direction recognition
- Combinable with several SPOBU joysticks

Universal handles

G56

- Ergonomically shaped for left or right hand
- Integrated hand rest for work without fatigue
- Modular design with standard or custom equipment of insert panels
- Optionally integrated capacitive hand recognition sensor
- Optionally rotating
- Combinable with several SPOBU joysticks

G58

- Compact, symmetrical, can be used for left or right hand
- Ergonomically shaped for work without fatigue
- Modular design with standard or custom insert panels
- Catch on the rear
- Optionally integrated capacitive hand recognition sensor
- Combinable with several SPOBU joysticks

UGA

- Can be used for left or right hand
- Modular design with optional combination of wide and narrow handle halves
- High variability with installation of command devices on top, front or side
- Lever switch on the rear
- Optionally with hand rest, can also be updated
- Optionally rotating
- Optionally integrated capacitive hand recognition sensor
- Combinable with several SPOBU joysticks

UGN

- Compact handle can be used for left or right hand
- Ergonomically shaped for work without fatigue
- High variability with installation of command devices on top, front or side
- Integrated surrounding hand rest
- Optionally integrated capacitive hand recognition sensor
- Combinable with several SPOBU joysticks

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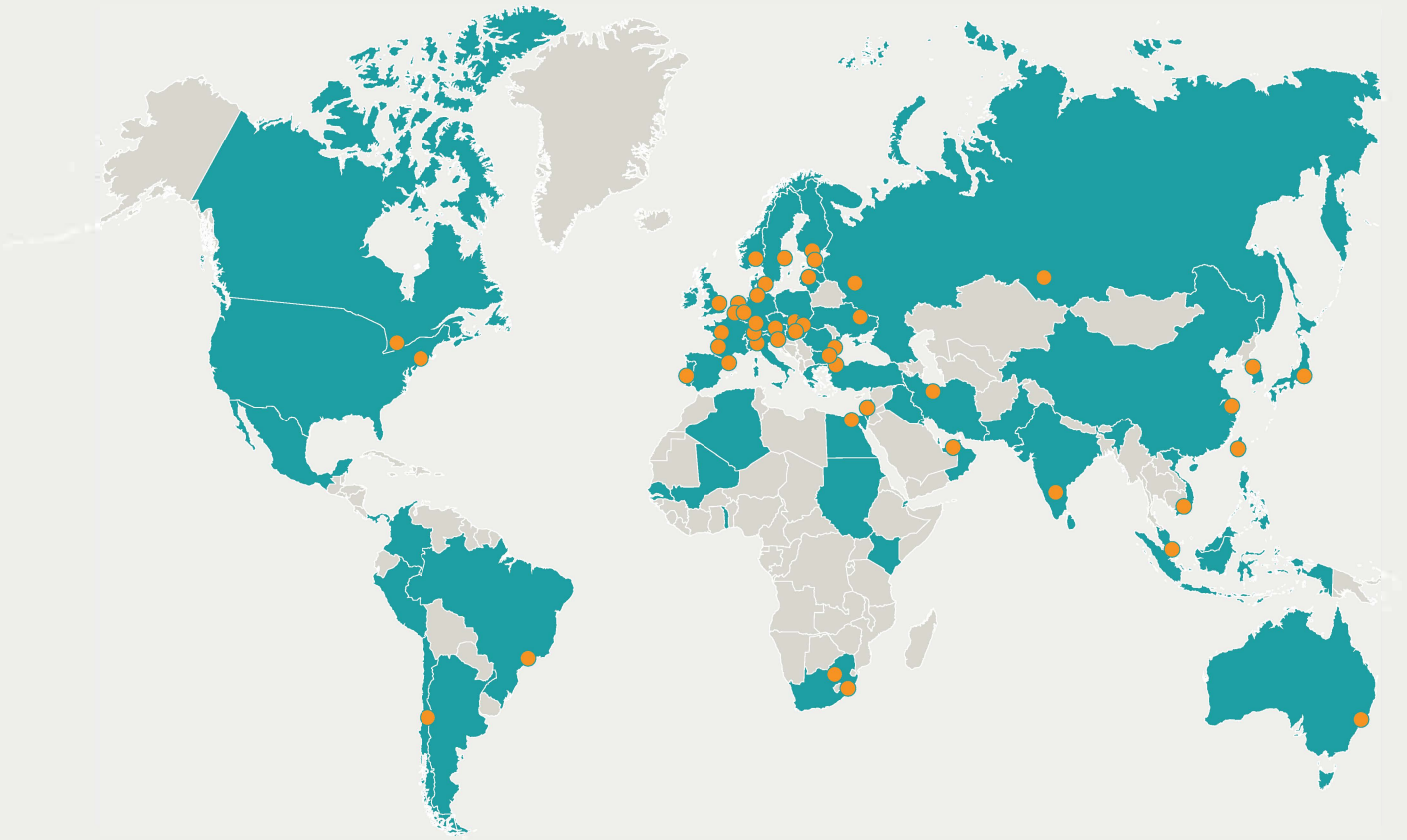
Representatives of Spohn + Burkhardt
National and international



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