



Spohn+Burkhardt

Elektrotechnische Fabrik Blaubeuren

Industry

Joysticks and handles



**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

ST0	M0N	VCS0	VNS0/NNS0	VNS2	CS1	NS3	HS0	HS2	JMS3	NS00/NS20
										
<ul style="list-style-type: none"> • Metal drive mechanism • Maximum 5-0-5 stages • Long mechanical service life of up to 6 million switching cycles • Long-lasting lightweight plastic potentiometer or non-contact Hall sensors • Friction brake or spring-return • Optional mechanical neutral position lock 	<ul style="list-style-type: none"> • Drive mechanism and housing made of high-quality plastic • Long mechanical service life of up to 5 million switching cycles • Long-lasting lightweight plastic potentiometer • Up to 5-0-5 stages with up to 8 contacts • Low installation depth with version W, WK, OS • Weight-optimized design 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Very robust drive mechanism and metal drive block • Long mechanical service life of up to 20 or 25 million switching cycles • Maximum 7-0-7 stages • Optional retrofitting of potentiometers, optoelectronic encoders • Versions for Ex-zone available • Optionally with integrated interfaces for CANopen, SAEJ1939, Profibus, ProfiNet • Version with double lever available • Combinable with several SPOBU handles 	<ul style="list-style-type: none"> • Extremely robust drive mechanism and metal drive block • Long mechanical service life with up to 10 million switching cycles • Maximum 7-0-7 stages • Powerful DC, AC or gold contacts • Optional retrofitting of potentiometers, optoelectronic encoders • Version with double lever available • Combinable with several SPOBU handles 	<ul style="list-style-type: none"> • 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 lightweight plastic potentiometers • Microswitches for hardware wiring • Optionally integrated interfaces for CANopen, SAEJ1939, Profibus • Combinable with several SPOBU handles 	<ul style="list-style-type: none"> • Metal drive mechanism and drive block • Long mechanical service life of up to 20 million switching cycles • Non-contact HALL sensors and/or lightweight plastic potentiometers • Microswitches for hardware wiring • Optionally integrated interfaces for CANopen, CANopenSafety, Profibus, ProfiNet, ProfiNet with ProfiSafe protocol • Combinable with several SPOBU handles 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Extremely sensitive, zero-play metal mechanism • For smooth and precise control, optionally with oil damping • Mechanical service life of up to 4 million switching cycles • Non-contact HALL sensors or lightweight plastic potentiometers • Low-profile rubber sheath for low handle height • Combinable with various electronic interfaces 	<ul style="list-style-type: none"> • Robust control switch with metal drive mechanics • Long mechanical service life • Optional retrofitting of potentiometers, optoelectronic encoders • Optionally available with interfaces for CANopen, SAEJ1939, Profibus, ProfiNet • Versions for Ex-zone available

Handles

Standard handles		
G41		<ul style="list-style-type: none">Standard plastic handle for CS1, VCS0 and VNS0 joysticksOptionally with recessed or protruding button with various protection ratingsAvailable with integrated capacitive hand recognition sensorVersion G41-Z for mechanically locking joystick
G22		<ul style="list-style-type: none">Plastic handle Ø 40 mmA maximum of 1 pushbutton can be integratedRecessed or protruding pushbutton installationVersion G22Z for mechanically locking joystickCombinable with several SPOBU joysticks
G57		<ul style="list-style-type: none">Standard handle for joystick HS0Compact designIdeal for installation in remote controls
G48		<ul style="list-style-type: none">Standard plastic handle for NNS0 joysticksOptionally with recessed or protruding button with various protection ratingsAvailable with integrated capacitive hand recognition sensorVersion G46-Z for mechanically locking joystick
G21		<ul style="list-style-type: none">Plastic handle Ø 45 mmA maximum of 2 pushbuttons can be integratedRecessed or protruding pushbutton installationVersion G21Z for mechanically locking joystickCombinable with several SPOBU joysticks
M054		<ul style="list-style-type: none">Standard handle for M0 joysticksOptional pushbuttonVersion M054-Z for mechanically locking joystick
Palm handles		
G40		<ul style="list-style-type: none">Palm handle with several installation optionsPush buttons on the side and/or on topAlternatively with toggle switch on topOptionally with hand restCombinable with several SPOBU joysticks
G9		<ul style="list-style-type: none">Compact palm handle with/without pushbuttonsOptionally with capacitive hand recognition sensorOperable with 2 fingers or whole handCombinable with several SPOBU joysticks
G52		<ul style="list-style-type: none">Standard handle for joystick JMS3Slim designFinger operation for extremely precise control
G4T		<ul style="list-style-type: none">Forward-tilting palm handleLever switch on frontOptionally with toggle switch, pushbutton or rotary potentiometer on topCombinable with several SPOBU joysticks
G25		<ul style="list-style-type: none">Compact plastic handleOperable with 2 fingers or whole handUp to 6 pushbuttons can be integratedCombinable with several SPOBU joysticks
G51		<ul style="list-style-type: none">Compact plastic handleUp to 6 pushbuttons can be integratedCombinable with several SPOBU joysticks
Ball handles		
KG40/50		<ul style="list-style-type: none">Solid ball handleVersions with 40 and 50 mm diameterCombinable with several SPOBU joysticks
G32B		<ul style="list-style-type: none">Robust ball handleWith capacitive hand recognition sensorCombinable with several SPOBU joysticks
T-handles		
G1		<ul style="list-style-type: none">T-handle with/without pushbuttonsOptional mechanical pivoting for ergonomic workVersion G1Z for mechanically locking joysticksOptionally with dead man's function by pressing downOptionally integrated capacitive hand recognition sensorCombinable with several SPOBU joysticks
G13		<ul style="list-style-type: none">T-handle with/without pushbuttonStationary or rotating with a maximum of 2-0-2 stagesVersion G13Z for mechanically locking joystickOptionally with capacitive hand recognition sensorCombinable with several SPOBU joysticks
Rotary handles		
G50		<ul style="list-style-type: none">Handle with integrated rotating functionSensors with lightweight plastic potentiometers with direction recognitionCombinable with several SPOBU joysticks

Universal handles

G56		
		<ul style="list-style-type: none">Ergonomically shaped for left or right handIntegrated hand rest for work without fatigueModular design with standard or custom equipment of insert panelsOptionally integrated capacitive hand recognition sensorOptionally rotatingCombinable with several SPOBU joysticks
G58		
		<ul style="list-style-type: none">Compact, symmetrical, can be used for left or right handErgonomically shaped for work without fatigueModular design with standard or custom insert panelsCatch on the rearOptionally integrated capacitive hand recognition sensorCombinable with several SPOBU joysticks
UGA		
		<ul style="list-style-type: none">Can be used for left or right handModular design with optional combination of wide and narrow handle halvesHigh variability with installation of command devices on top, front or sideLever switch on the rearOptionally with hand rest, can also be updatedOptionally rotatingOptionally integrated capacitive hand recognition sensorCombinable with several SPOBU joysticks
UGN		
		<ul style="list-style-type: none">Compact handle can be used for left or right handErgonomically shaped for work without fatigueHigh variability with installation of command devices on top, front or sideIntegrated surrounding hand restOptionally integrated capacitive hand recognition sensorCombinable with several SPOBU joysticks

Representatives of Spohn + Burkhardt National and international



ASI Automatik AS
Sankt Hallvards vei 3
3414 Lierstranda
Norway

Tel.: +47 900 61 100
E-mail: info@asiflex.no
Website:
www.asiflex.no