

JOYSTICKS FROM FSG

Maximum performance in series

FSG joysticks are flexible, versatile, durable, and suitable for safety-critical applications. They use non-contact inductive or magnetic measuring systems with redundant designs for machine operation. The compact series offers signal specifications from up to three actuation directions, ideal for radio remote controls. The premium series features a modular design with five handle models, allowing users to customize the handle and configuration. Additionally, FSG handle models can be used with joysticks from other manufacturers.



RECOMMENDED FOR THE FOLLOWING INDUSTRY SECTORS

CONSTRUCTION, MACHINE, SHIP, RAILS, LOGISTICS,
MEDICINE, AUTOMATION

JOYSTICKS COMPACT series



ST-MH-MU-II-xyz-GS40

Direction of operation
x/y/z axis
3 x 0.5 - 4.5V (ratiometric)



ST-MH-II-y

Direction of operation
y-axis
2 x 0.5 - 4.5 V (ratiometric)



ST-MH-MU-II-xy-GS40

Direction of operation
x/y-axis
2 x 0.5 - 4.5 V (ratiometric)
2 x 4 - 20 mA



ST-MH-MU-xy-GS60

Direction of operation
x/y-axis
4 - 20 mA



PREMIUM series without handle



Functionality

ST2000-W-i-xy-GS78

- Robust joystick
- Measuring system: inductive, wear-free
- Actuation in x/y direction, can also be carried out with a gate
- Signal output: 4 - 20 mA, 0 - 10 V, linear or as V-characteristic curve
- With zero and direction contact per half-axis as forcibly separated switch
- Suitable for holding all 5 FSG handle variants
- Suitable for the inclusion of external handles



Functionality

ST2000-W-i-xy-GS78

- Robust joystick with redundant measuring system
- Measuring system: inductive, wear-free
- Actuation in x/y direction, can also be carried out with a gate
- Signal output: 4 - 20 mA, 0 - 10V, linear or as V-characteristic curve
- With electronic zero and direction contact per half-axis
- Suitable for accommodating all 5 individually equipable FSG handle designs
- Suitable for the inclusion of external handles



Functionality

ST2000-W-i-xy-GS78

- Robust joystick with redundant measuring system
- Measuring system: inductive, wear-free
- Actuation in x/y direction, can also be carried out with a gate
- Signal output: CAN, CANopen, CANopen safety
- With electronic zero and direction contact per half-axis
- Suitable for accommodating all 5 individually equipable FSG handle designs
- Suitable for the inclusion of external handles



Multifunctional handle

Recommended for the following Handle variants

Properties

- Ergonomic multifunctional handle
- Control panels in the top and/or front of the handle head
- Freely configurable equipment

Operating elements

- Single button (colours other than red possible)
- Double push-button (colours other than red possible)
- Rocker switch/rocker switch
- Analogue thumbwheel with spring return in centre position single or redundant
- Dead man's button in front handle
- Vibrator
- Capacitive dead man function in the grip shell
- Bellows



ST2000



Properties

- Ergonomic multifunctional handle
- Control panels in the top and/or front of the handle head
- Freely configurable equipment

Operating elements

- Single button (colours other than red possible)
- Double push-button (colours other than red possible)
- Rocker switch/rocker switch
- Analogue thumbwheel with spring return in centre position single or redundant
- Dead man's button in the front of the handle
- Vibrator



ST2010



Multifunctional handle

Recommended for the following Handle variants



ST2020

Properties

- Ergonomic multifunctional handle as right or left version
- Control panels in the handle head and/or at the front
- Freely configurable equipment

Operating elements

- Single button on top (colours other than red possible)
- Single or double push-button at the front (colours other than red possible)
- Rocker switch/rocker switch top/front (other colours than red possible)
- Analogue thumbwheel with spring return in centre position single or redundant
- Analogue thumbwheel with detents
- Dead man's button in front handle
- Vibrator
- Mini joystick
- Capacitive sensor in the handle



ST2005

Properties

- Ball handle with 4 buttons and vibrator
- Bellows

