

Multifunctional grips



Steer, move, control

Your mounting space is restraint and you need a rugged joystick? We merge a compact and sturdy joystick with your individual multifunctional grip. You define the type of grips, and we implement the specific functions like rocker switches, pushbuttons, mini-joystick, thumb-wheels, etc.. We build a joystick for your individual needs with an incredibly low mounting depth of only 60 mm for a space saving installation into shallow panels or small armrests. Typical applications for this joystick include construction machines, agricultural machines, municipal vehicles, and robot controls.

Please contact us, it will be a pleasure for us to suggest you an individual joystick solution for your specific needs.

Technical specifications

Dimensions	Installation depth 60 mm Overall high depending on handle
Analogue output	Conductive plastic 5 K Ω Optional redundant outputs Wiper current 10 μ A to max 1 mA Centre tab $\pm 1.75^\circ$
Directional switch	Contacts Micro switches up to 5 A Neutral position switch, Combined with analogue signal
Toggle signal	3, 5 or 7 grid pitches per axis
Life cycles	> 3 Mio. operations
Temperature range	-20 $^\circ$ to +70 $^\circ$ C
Operation angle	15 $^\circ$
Handles	Standard handle with various functions Individual handles and functions Your own grip
Protection class	IP65 (depending on the grip)
El. connections	Standard Dubox or cable USB CANopen Customer specific
Isolation resistance	1000 M Ω
Operating voltage	Max. 30 V DC

