



K14 Series

FEATURES

- Advanced ergonomic design
- Comfortable grip handle, sturdy and durable
- IP65 dustproof and waterproof design
- Multiple pushbutton + thumbwheel combinations are available

APPLICATIONS

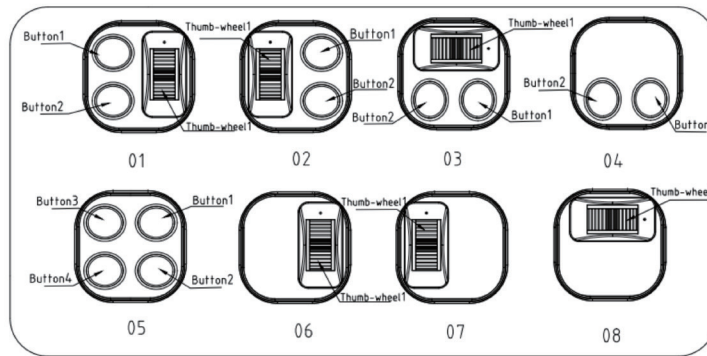
- Joystick controller
- Control panel
- Armrest box
- Electrohydraulic control system



SPECIFICATIONS

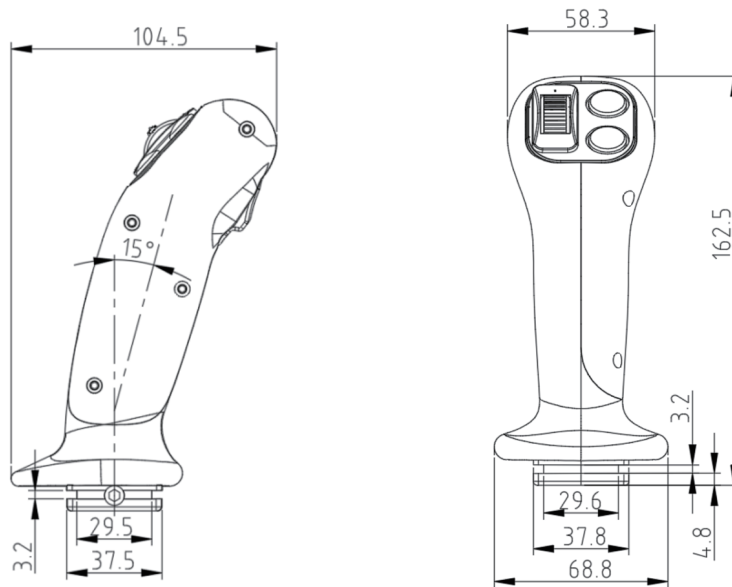
Mechanical data	
Pushbutton operating force	2N
Pushbutton operation mode	Spring return
Thumbwheel operating angle	±30°
Thumbwheel mechanical life	> 3 million times
Weight	Appr.380g
Electrical data	
Thumbwheel	
Supply Voltage (Vs)	5.0±10%Vdc or 9~32Vdc
Power current consumption	< 11mA (per channel)
Center Voltage	2.5V±4%Vs
Maximum output linearity tolerance	±3%
Maximum overload voltage	20Vdc
Maximum reverse voltage	-10Vdc
Load resistance	10KΩ
Pushbutton	
Mechanical life	1 million times
Environmental data	
Operating temperature	-25°C~+55°C
Storage temperature	-40°C~+75°C
Protection class	IP ratings may vary from model to model for more information, please consult our sales staff

OUTLINE DIMENSIONS (UNIT:mm)

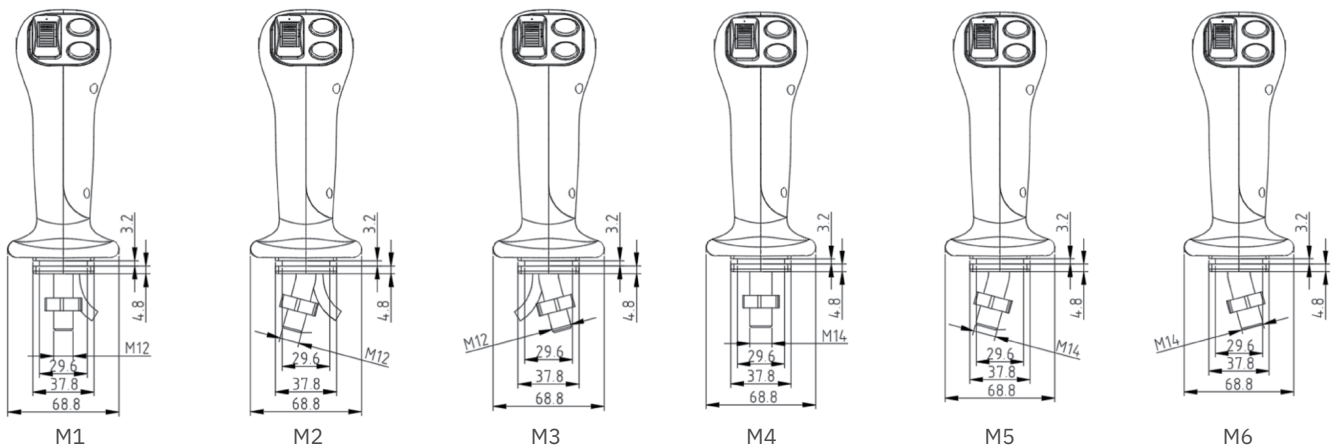


Front plate configuration diagram

Shape Dimensions



MECHANICAL INSTALLATIONS



ORDER GUIDE

K14		Multi-function grip					
	Code	Trigger switch options					
	N	Without deadman switch					
	D	With deadman switch					
		Code	Plate options				
		01	2 pushbuttons on the left+ 1 buttons on the right				
		02	1 thumbwheel on the left+ 2 buttons on the right				
		03	1 thumbwheel on the left+ 2 buttons on the bottom				
		04	2 buttons (lower)				
		05	4 buttons				
		06	1 thumbwheel on up-down direction (right)				
		07	1 thumbwheel on up-down direction (left)				
		08	1 thumbwheel on left-right direction (top)				
		Code	Output signal				
		N	No CANbus output				
		PWM01	PWMoutput, drive the electro-hydraulic proportional valve				
		J33	CANbus output, protocol J1939, node address 33				
		J34	CANbus output, protocol J1939, node address 34				
		J35	CANbus output, protocol J1939, node address 35				
		J36	CANbus output, protocol J1939, node address 36				
		CA	CANbus output, protocol CANopen				
		Code	Adaptor				
		M1	M12×1.75, screw thread outside, vertical installation				
		M2	M12×1.75, screw thread outside, right-hand installation				
		M3	M12×1.75, screw thread outside, left-hand installation				
		M4	M14×2, screw thread outside, vertical installation				
		M5	M14×2, screw thread outside, right-hand installation				
		M6	M14×2, screw thread outside, left-hand installation				
		Code	Wiring mode				
		L	Cable wiring, (Default, AF200, AWG22#, length 500mm)				
		D	Deutsch connector, (AF200, AWG22#, length 500mm)				
K14	N	01	J33	M1	L	Complete Type Specification	

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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