

MKF-JS98

Mate Industrial Joystick, Hall effect, Dual axis, Panel Mounted



FEATURES

MKF-JS98 is a two-axis multi-function joystick, push the handle in any direction (front, rear Y, right, left X), friction positioning. The joystick base is made of aviation aluminum alloy material, and the handle material is made of engineering plastic, which is sturdy and reliable. The degree of protection can reach IP64, and the analog output is available. It is suitable for military equipment, construction machinery and other equipment.

SPECIFICATION

- The main material of the base: aluminum alloy, stainless steel, etc. (black panel);
- The main material of the handle: engineering plastics (black);
- X, Y-axis operating angle: $\pm 30^\circ$
- Operating force: 5N~15N;
- Reset method: spring return
- Sensor: Hall sensor, linearity: less than 1%;
- Handle switch:

SW1: Black self-reset button switch;

SW2: Black self-reset button switch;

SW3: Black self-reset button switch;

SW4: Black self-reset button switch;

SW5: Red self-reset trigger switch;

LED1: red LED;

LED2: red LED;

LED3: green LED;

LED4: green LED;

- Input voltage: (24 ± 0.1) Vdc;
- Current: <100 mA;
- Output: CAN protocol, the protocol currently used by the J1939 client or 2.0B (CAN 2.0b supports both 11-bit and 29-bit identifier), instead of CAN FB, with a baud rate of 250kbps (standard deviation of J1939)
- Mechanical life: 5 million times;
- Lifespan for trigger switch and pushbutton: 1 million times;
- Wiring definition: see the wiring definition diagram for details;
- Installation size: 80x80, 4X ϕ 5;
- Weight: about 1KG;
- Protection grade: IP64;
- Working temperature: -30°C ~ $+65^\circ\text{C}$;
- Storage temperature: -40°C ~ $+75^\circ\text{C}$;
- Working humidity: $93 \pm 3\%$ RH;

TECHNICAL DRAWINGS

