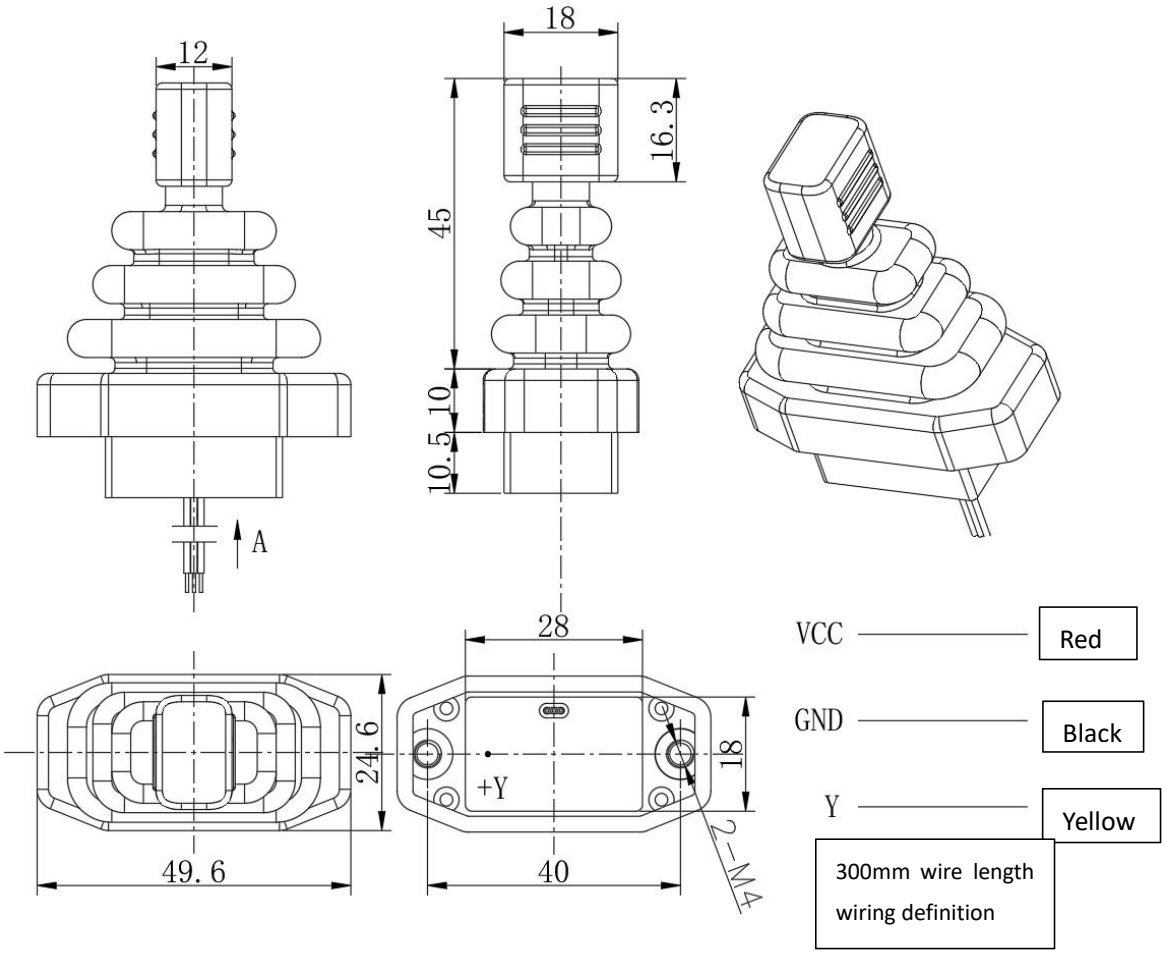
Description

The MKF-TS02-V2 Hall effect joystick is a panel-mounted, embedded design made primarily of engineering plastics and stainless steel. It features single-axis friction positioning, a high-precision Hall effect sensor, linear correction across the entire temperature range, smooth operation, and an ergonomic mechanical design. Multiple output functions are available, making it suitable for applications such as robotics, drones, medical equipment, aerospace, shipbuilding, broadcasting, and video surveillance.

(Image of MKF-TS02-V2 Hall effect joystick)

Features

Main materials: Engineering plastics, stainless steel;
Positioning method: Friction positioning, midpoint locking;
Handle pushing angle: ±30° (forward and backward);
Operating force: 7N～10N;
Sensor: Hall sensor;
Linearity: Less than 1%;
Input voltage: (5±0.1)Vdc;
Current: <50mA;
Signal output: Analog voltage (0.5±0.1)Vdc ~(2.5±0.1)Vdc~(4.5±0.1)Vdc;
Operating life: 1 million cycles;
Protection level: IP67 (panel and above);
Operating temperature: -40℃----+70℃;
Storage temperature: -45℃----+80℃;
Operating humidity: 95±3%RH;
Installation size: 2-M4;



(Dimensions and Wiring Definition Diagram)