MKF-FS01

Mate Joystick, With force sensor and Momentary push buttons, Panel Mounted



DESCRIPTION

MKF-FS01 is made of aviation aluminum alloy, which has good environmental adaptability and strong experimentation. Safe and reliable. With an ergonomic design, the handle is installed with 5 momentary push buttons, one trigger switch and one force sensor joystick. Mainly used in construction machinery, aerospace equipment. The protection level can reach IP65, the handle can be equipped with various types of switches, and the sensor can achieve the implementation of related functions.

SPECIFICATION

Button	Push buttons, one trigger switch, one force sensor for optional
Handle Material	aluminum alloy
Force sensor operating force	0-15N, Maximum 111N
Power Supply	DC5V
Signal Output	USB 2.0
Life Span	1 million operating cycles
Degree of protection	IP65
Operation Temperature	-40°C to +70°C
Storage Temperature	-45°C to +80°C
Humidity	93± 3%RH
Weight	0.5KG

PRODUCT CONFIGURATION

1	2	3	4	5	6	7	8

MKF-FS01

FRONT LAYOUT

Force sensor:
FS: in the middle

Pushbutton:
1P: One push button
2P: Two push buttons
3P: Three push buttons
4P: Four push buttons

Toggle switch:
TS: with toggle switch

THUMB PUSH BUTTON LAYOUT

W: With thumb push button
(Default: with protection cap)

WO: Without thumb push button



BASE

M4: M4 installation
FM: Flange installation
SQB: Square base
RDB: Round base

SIGNAL OUTPUT

USB: USB interface
RS232: RS232
RS485: RS485
SPI: SPI protocol

Handle

L: Left
R: Right

Customer code: XXX

DEADMAN LAYOUT

TS: With trigger switch
(Default: with protection cap)

NTS: Witout trigger switch

DM: With deadman switch

NDM: without deadman switch



REFERENCE LAYOUTS

- M4 Mount



- Square base



- Round base





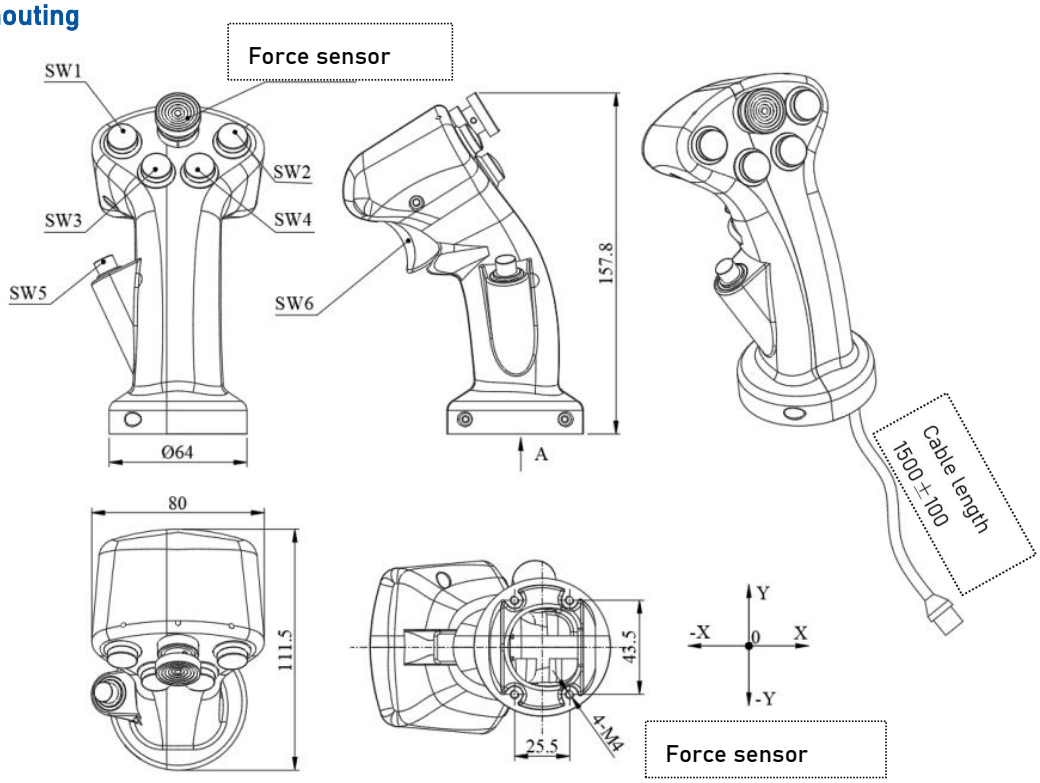
- Flange Mouting





TECHNICAL DRAWINGS

* M4 mouting



* Flange Mounting

