

MSSJ-42

SWITCHING JOYSTICK

RoHS

FEATURES

- High Quality micro-switches
- Single or Dual Axis
- Up to 3 Amp. Operation
- Cross/ Single Axis/ Square limiter



APPLICATIONS

- Medical Equipments
- Industrial machinery
- Off-road vehicles
- Marine application

SPECIFICATIONS

Auxiliary Supply	5 VDC $\pm$ 10 %
Output	0-5 or 0.5 - 4.5 VDC, Ratiometric to Vcc
Output at Center Position	50 % of Vcc
Load Resistance	1K Ohms
Operation	Single or Two axis
Mode of Operation	X, Y, or 360 Deg.
Insulation Resistance	100 Meg. @ 500 VDC
Operating Angle	$\pm$ 20 Deg.
Life Expectancy	2 Million Cycles
Connection Type	Fly wire

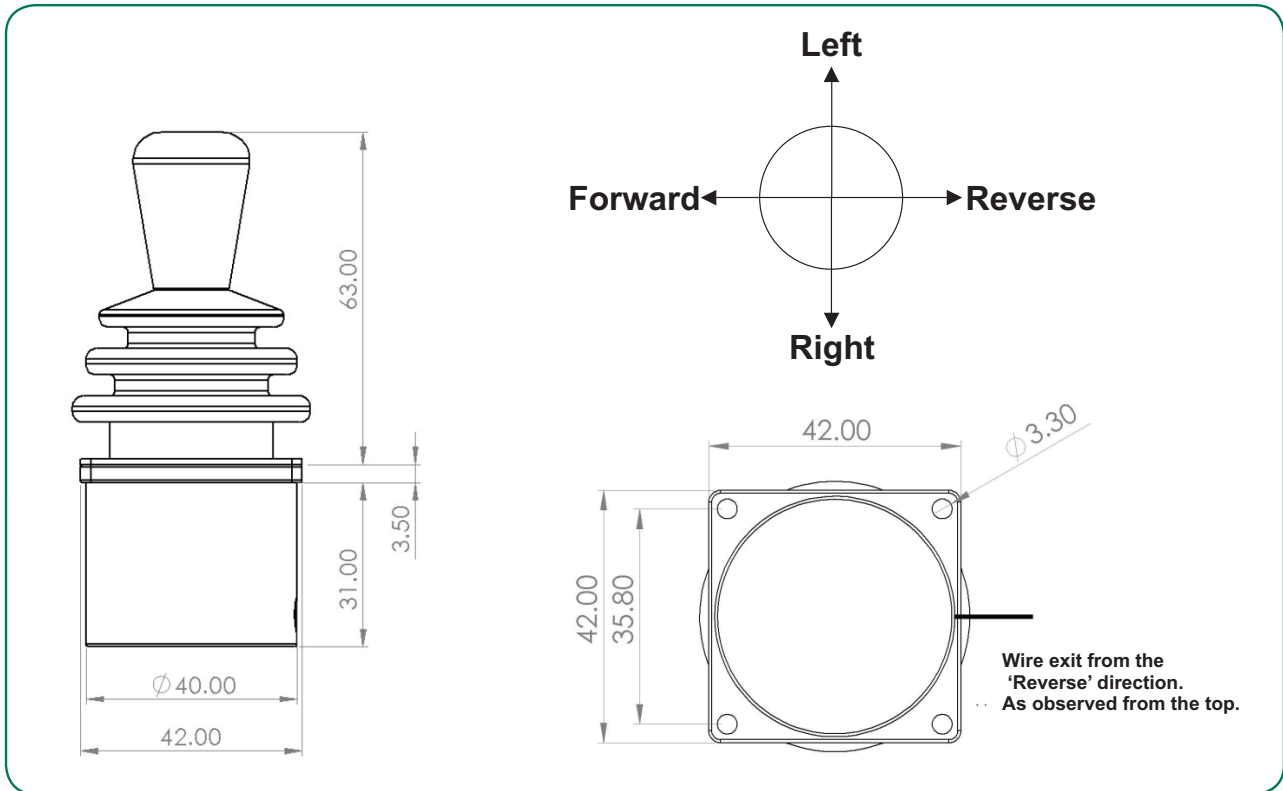


MSSJ-42

SWITCHING JOYSTICK

RoHS

DIMENSIONS



WIRING DETAILS

Dual Axis Double Switches

Red	Common
Blue	1st Switch Forward
Green	2nd Switch Forward
Orange	1st Switch Left
Brown	2nd Switch Left
Black	1st Switch Reverse
Yellow	2nd Switch Reverse
Purple	1st Switch Right
White	2nd Switch Right
Grey	—————



MSSJ-42

SWITCHING JOYSTICK

RoHS

WIRING DETAILS

Dual Axis Single Switch

Red	Common
Orange	Forward Switch
Brown	Left Switch
White	Reverse Switch
Purple	Right Switch

Single Axis Dual Switch

Red	Common
Orange	1st Switch Forward
Brown	2nd Switch Forward
White	1st Switch Reverse
Purple	2nd Switch Reverse

Single Axis Single Switch

Red	Common
Orange	Forward Switch
Brown	Reverse Switch

ORDERING INFORMATION

MSSJ-42-□-□-□

A- Single Axis
B- Dual Axis

X- Single switch
in each direction
Y- Dual switch
in each direction

2- Two direction switching
4- Four direction switching
8- Eight direction switching

Products can be developed as per the customer requirement



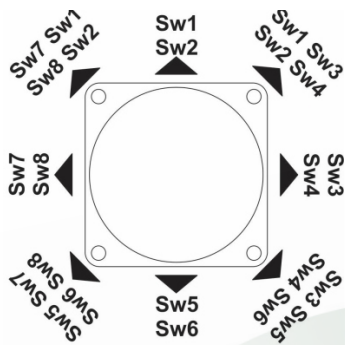
MSSJ-42

SWITCHING JOYSTICK

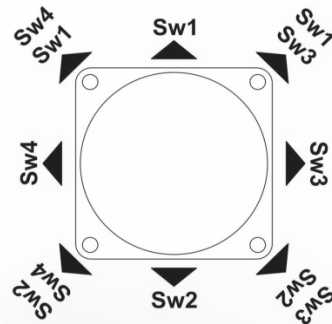
RoHS

SWITCHING DETAILS

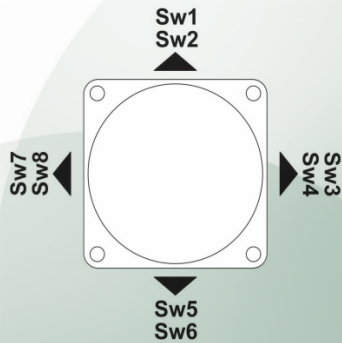
Double switch in 8 directions



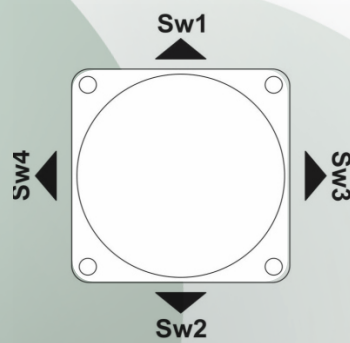
Single switch in 8 directions



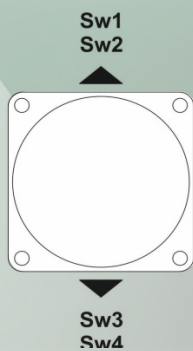
Double switch in 4 directions



Single switch in 4 directions



Double switch in 2 directions



Single switch in 2 directions

