

JOYSTICKS

Joystick heads & contacts

LM4A

Joystick 4 Position Spring Return

- Mounts in Ø22.5 mm hole
- 2 or 4 way plus centre off
- Stable or spring return
- Centre position latched or unlatched



PRODUCT DESCRIPTION

Joystick heads are available in 2 or 4 way, stable or spring return and with latched (button to release) or non latched centre off. All heads come with a 3 position contact holder clip but the M11 contact blocks must be ordered separately.

The joystick heads require a special contact block (M11) that has 2 x N/O electrical contacts. The contacts will always be open when the head is in the centre off position and will close respectively in each of 2 positions.

A 2 way joystick can have 1 or 2 x M11 contact blocks to achieve 1 or 2 separate closed contacts in each of the 2 positions respectively excluding the centre off position.

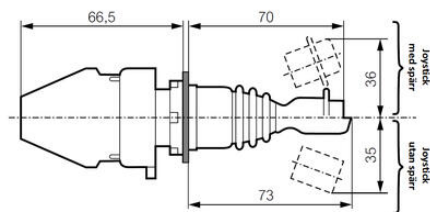
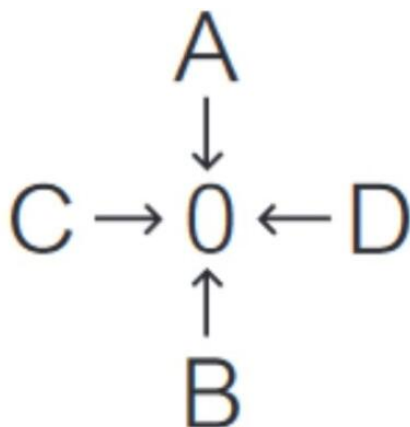
A 4 way joystick requires 2 x M11 contact blocks to achieve a separate closed contact in each of the 4 positions excluding the centre off position.

TECHNICAL DATA

Climatic resistance - constant humid heat	IEC 60068-2-3
Climatic resistance - cyclic damp heat	IEC 60068-2-30
Climatic resistance - sea air	IEC 60068-2-52
Function	Spring return
IP class	IP65
Positions	5
Protection class	II
Storage temperature max	70 °C
Storage temperature min	-40 °C
Temperature operational max	70 °C

Temperature operational min

-25 °C



Kontaktfunktion 5-läges joystick

				A	C	O	B	D
LM11	13	—	14	X				
	11	—	12					X
LM11	23	—	24				X	
	21	—	22	X				

MECHANICAL OPERATION - JOYSTICKS

For joysticks

2 position

Ultrasonic	Terminal	Position
Chip location	Number	A B C D
1	24	X O O
	12	O O O X
2	24	O O X
	12	X O O O

4 position

Ultrasonic	Terminal	Position
Chip location	Number	A B C D
1	24	O O O O X
	12	O O O O X
2	24	O X O O O
	12	X O O O O

MECHANICAL OPERATION - JOYSTICKS

For joysticks

2 position

Ultrasonic	Terminal	Position
Chip location	Number	A B C D
1	24	X O O
	12	O O X
2	24	O O X
	12	X O O

4 position

Ultrasonic	Terminal	Position
Chip location	Number	A B C D
1	24	O O O O X
	12	O O O O X
2	24	O X O O O
	12	X O O O O