

## JOYSTICKS

### Joystick heads & contacts

LMV4A

JOYSTICK 5-POS. 4 SPRINGRET. LOCK IN

- 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.

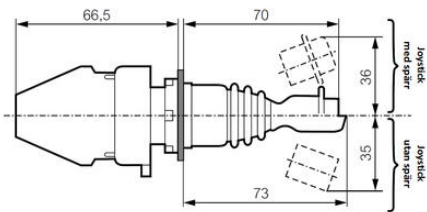
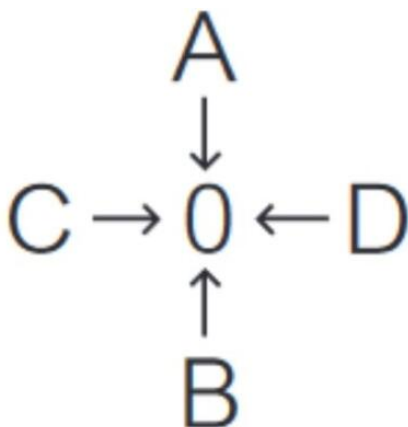
A 4 way joystick requires 2 x M11 contact blocks to achieve a separate closed contact in each of the 4 positions excluding the centre off position.

## SPECIFICATIONS

Climate resistance cyclic damp heat	IEC 60068-2-3
Climate resistance to sea air	IEC 60068-2-52
Climate-resistant heat	IEC 60068-2-30
Function	Spring return
IP Class	IP65
Number of positions	5
Protection Class	II
Temperature range bearing, from	-40 °C
Temperature range bearing, to	70 °C
Temperature range from	-25 °C

Temperature range to

70 °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

Wiper in Circuit location	Terminal Numbers	Position	A	B
1	24 12	X O O X		
2	24 12	O O X X		

4 position

Wiper in Circuit location	Terminal Numbers	Position	A	B	C	D
1	24 12	O O O O X X				
2	24 12	O O X O O O				

2 position

Wiper in Circuit location	Terminal Numbers	Position	A	B
1	24 12	X O O X		
2	24 12	O O X X		

4 position

Wiper in Circuit location	Terminal Numbers	Position	A	B	C	D
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2	24 12	O O X O O O				

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Wiper in Circuit location	Terminal Numbers	Position	A	B
1	24 12	X O O X		
2	24 12	O O X X		

4 position

Wiper in Circuit location	Terminal Numbers	Position	A	B	C	D
1	24 12	O O O O X X				
2	24 12	O O X O O O				