

## JOYSTICKS

### Joystick heads & contacts

#### LMV4F

#### Joystick 4 Position Stable Lock In 0

- 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.

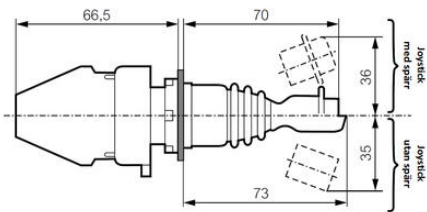
### TECHNICAL DATA

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	Stable
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

A  
|  
C - 0 - D  
|  
B



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

Wires in Cable location	Terminal Numbers	Position	A	B	C	D
1	24 12	X O O O X				
2	24 12	O O X O O				

4 position

Wires in Cable location	Terminal Numbers	Position	A	B	C	D
1	24 12	O O O O X				
2	24 12	O O X O O				

2 position

Wires in Cable location	Terminal Numbers	Position	A	B	C	D
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2	24 12	O O X O O				

4 position

Wires in Cable location	Terminal Numbers	Position	A	B	C	D
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MECHANICAL OPERATION - JOYSTICKS

For joysticks

2 position

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2	24 12	O O X O O				

4 position

Wires in Cable location	Terminal Numbers	Position	A	B	C	D
1	24 12	O O O O X				
2	24 12	O O X O O				

2 position

Wires in Cable location	Terminal Numbers	Position	A	B	C	D
1	24 12	X O O O X				
2	24 12	O O X O O				

4 position

Wires in Cable location	Terminal Numbers	Position	A	B	C	D
1	24 12	O O O O X				
2	24 12	O O X O O				