

JOYSTICKS

Joystick heads & contacts

LM2A

Joystick 2 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.

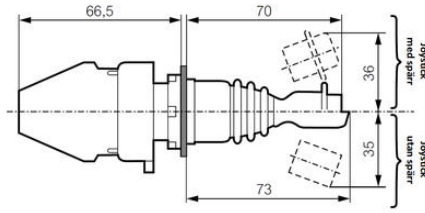
A 2 way joystick can have 1 or 2 x M11 contact blocks to achieve 1 or 2 separate closed contacts in each of the 2 positions respectively excluding the centre off position.

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	3
Protection class	II
Storage temperature max	70 °C
Storage temperature min	-40 °C
Temperature operational max	70 °C

Återfjädrande funktion 3-läges



Kontaktfunktion 3-läges joystick

		A	O	B
LM11	13	X		
	11			X
LM11	23			X
	21	X		

MECHANICAL OPERATION - JOYSTICKS

For Joysticks

2 position

Two wiper cup (M1) - standard with contact wiper

Wiper in Cfg location	Terminal Numbers	Position	A	O	B
1	14 12	X O	O O	O O	X X
3	14 12	O X	O X	O O	A O

4 position

Two wiper cup (M1) - standard with contact wiper

Wiper in Cfg location	Terminal Numbers	Position	A	O	B	C	D
1	14 12	O O	O O	O O	O X	O X	O O
3	14 12	O X	O X	O O	O O	O O	O O

Two wiper cup (M1)

Wiper in Cfg location	Terminal Numbers	Position	A	O	B
1	14 12	X O	O O	O O	X X
3	14 12	O X	O X	O O	A O
4	14 12	O X	O X	O O	A O

Two wiper cup (M1)

Wiper in Cfg location	Terminal Numbers	Position	A	O	B
1	14 12	O O	O O	O O	A A
3	14 12	O X	O X	O O	O O
4	14 12	O X	O X	O O	O O