

JOYSTICKS

Joystick heads & contacts

LM2F

Joystick 2 Position Stable

- 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

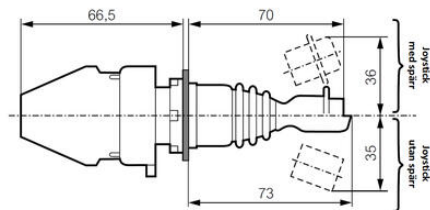
Climatic resistance - constant humid heat	IEC 60068-2-3
Climatic resistance - cyclic damp heat	IEC 60068-2-30
Climatic resistance - sea air	IEC 60068-2-52
Function	Stable
IP class	IP65
Positions	3
Protection class	II
Storage temperature max	70 °C
Storage temperature min	-40 °C
Temperature operational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

Temperature operational min

-25 °C

Kvarstående
funktion
3-läges

A — 0 — B



Kontaktfunktion 3-läges joystick

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

MECHANICAL OPERATION - JOYSTICKS

For Joysticks

2 position				
Two wiper cup (AW) - standard with service lead				
Wiper in (Cty Location)	Terminal Numbers	Position		
		A	B	
1	24	X	O	O
	12	O	O	X
2	24	O	X	O
	12	X	O	O
Four wiper cup (AW)				
Wiper in (Cty Location)	Terminal Numbers	Position		
		A	B	
1	24	X	O	O
	12	O	O	X
2	24	O	X	O
	12	X	O	O
3	24	O	O	X
	12	X	O	O
4	24	O	X	O
	12	X	O	O

MECHANICAL OPERATION - JOYSTICKS

For Joysticks

2 position				
Two wiper cup (AW) - standard with service lead				
Wiper in (Cty Location)	Terminal Numbers	Position		
		A	B	
1	24	X	O	O
	12	O	O	X
2	24	O	X	O
	12	X	O	O
Four wiper cup (AW)				
Wiper in (Cty Location)	Terminal Numbers	Position		
		A	B	
1	24	X	O	O
	12	O	O	X
2	24	O	X	O
	12	X	O	O
3	24	O	O	X
	12	X	O	O
4	24	O	X	O
	12	X	O	O