

Pilot Devices Modular range - Joystick



Modular range - Joystick

The newest member to join ABB's pilot device team has arrived: With a design made for heavy duty usage and simple assembly our joystick is available in 8 selector styles. Including both momentary, maintained, 2 and 4 positions. In addition, to prevent unintentional operation a separate style with latching function is included.

Simple assembly

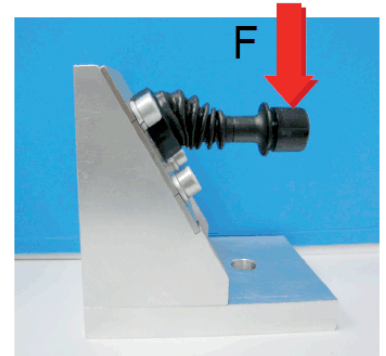
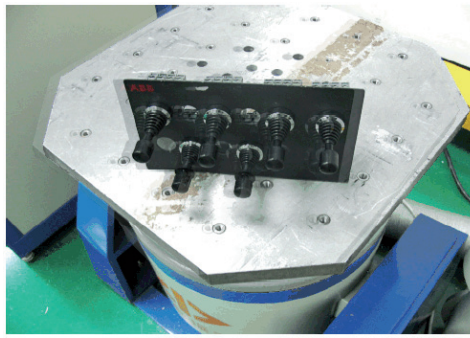
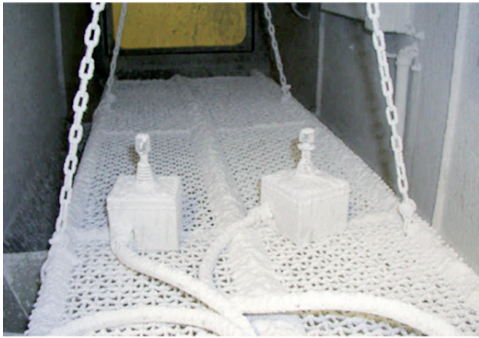
The Joystick is fully compatible with ABB's Modular range, the joystick is designed for simple assembly in either 22 mm or 30 mm (with adapter) mounting holes and uses the standard ABB contact blocks. The joystick is delivered with a 4-seat holder and up to 8 blocks can be mounted.

The mounting solution offers a low built in depth unique on the market. It's only 38.5 mm using the micro switch block and 48.5 mm using standard blocks. This is ideal for applications which are short of space e.g. wireless control stations.

Latching function

The latching function requires that the latch is lifted before operation. This is very useful when the application could be dangerous if operated unintentionally.

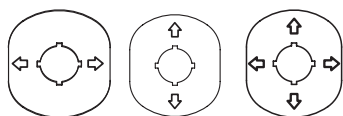
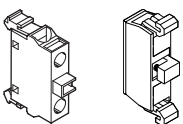
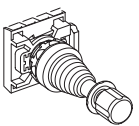
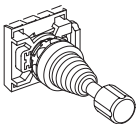
Think about how easy it could be to affect the joystick unintentionally with e.g. a loose jacket. What could happen if a crane starts to move without control or a vehicle having moving parts while driving?



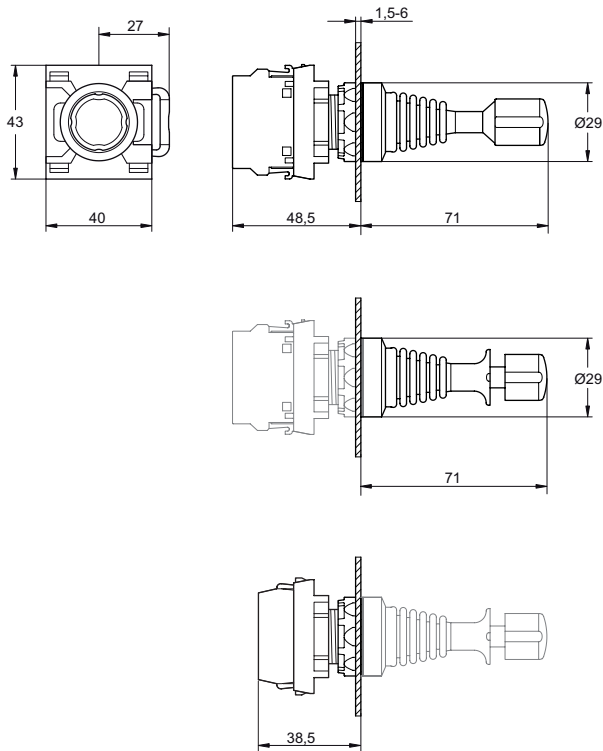
Heavy Duty Design

The ABB joystick is specifically designed to be suitable for heavy duty applications, and is resistant to the significant effects of shock, vibration, high and low temperatures and heavy wash down. Perfect for out door cranes, controls and naval applications.

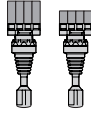


As an evidence of this our Joystick complies with the extremely tough IP69K protection degree for intensive wash-down. In addition to this it's also tested and approved for shocks and vibrations according to IEC 60068-2-27 (100g at 6 ms) and IEC 60068-2-6 (10-500 Hz). These tests are set to ensure function in road, rail and cross country vehicles. It's actually even mentioned application such as space shuttles and super sonic aeroplanes. We have of course also performed a lot of tests internally to guarantee outstanding performance.



Description	Type	Order Code	Weight, Kg
Joystick			
2-position Maintained	MJS1-60B	1SFA611701R6006	0,062
2-position Spring return	MJS2-60B	1SFA611702R6006	0,062
4-position Maintained	MJS5-60B	1SFA611705R6006	0,088
4-position Spring return	MJS6-60B	1SFA611706R6006	0,088
Joystick with latching function			
2-position Maintained	MJS7-60B	1SFA611707R6006	0,062
2-position Spring return	MJS8-60B	1SFA611708R6006	0,062
4-position Maintained	MJS11-60B	1SFA611711R6006	0,088
4-position Spring return	MJS12-60B	1SFA611712R6006	0,088
Contact blocks for front mounting			
1 NO	MCB-10	1SFA611610R1001	0,013
1 NC	MCB-01	1SFA611610R1010	0,013
Micro switch blocks			
1 NO	MCBL-10	1SFA611612R1010	0,010
1 NC	MCBL-01	1SFA611612R1001	0,010
Legend plates			
Two positions	MA6-1240	1SFA611930R1240	0.004
Two positions	MA6-1241	1SFA611930R1241	0.004
Four positions	MA6-1242	1SFA611930R1242	0.004



Mechanical life

	Cycles in each position
	500 000 Operations
	400 000 Operations
	300 000 Operations

Degrees of protection

Operators	IEC/EN	UL/CSA
Joystick	IP 66, 67, 69K	Type 1, 3R, 4, 4X (indoor), 12, 13

For more information please contact:

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