

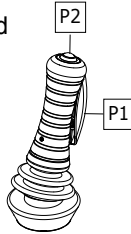
# REQUEST FORM FOR JOYSTICKS

## Grip type

- Knob (IP 65 assembled in specific enclosure)  
Function  
 Free movement  
 Mechanical interlock + NC/NO contact



- Handle (IP 44 assembled in specific enclosure)  
Function  
 Free movement  
 Electrical interlock (P1 button NO)

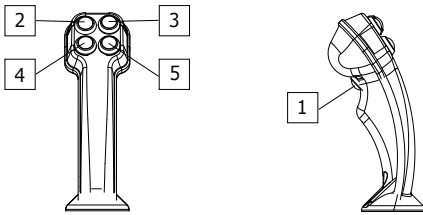


- Electrical interlock (P1 button NO) + P2 button NO  
Colour of P2 button  
 black  green

- Ergonomic handle (IP 43 assembled in specific enclosure)



## Actuators for ergonomic handle



## Actuator type\* and label letterings

- Pos. 1  Y  N Green button NO 1 cont.+1 comm.\*\*  
Type Lettering  
2  \_\_\_\_\_  
3  \_\_\_\_\_  
4  \_\_\_\_\_  
5  \_\_\_\_\_

## Actuators for positions 2-3-4-5

- A Black button NO 1contact+1common  
 B Green button NO 1contact+1common  
 C 2 pos. selector ON-OFF 1cont.+1comm.  
 D 2 pos. selector MOM-OFF 1cont.+1comm.  
 E 2 fixed pos. selector ON-ON 2cont.+1comm.  
 F 3 fixed pos. sel. ON-OFF-ON 2 cont.+1 comm.  
 G 2 pos. SR selector ON-MOM 2cont.+1comm.  
 H 3 pos. sel. MOM-OFF-MOM 2cont.+1comm.  
 I 3 pos. sel. ON-OFF-MOM 2cont.+1comm.

\* Maximum 6 contacts available.

Ex.: 5 button A type  
5 selector C type  
3 buttons A type + 1 selector G type

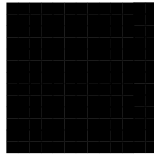
\*\* In case of use of the electrical interlock function, connect it to actuator 1

## Movement

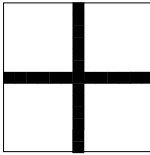
- Notching - spring return  
 Notching - maintained positions  
 Linear - spring return

## Lever guide

### Standard lever guide

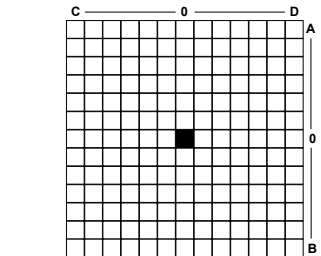


6 steps directions A-B  
6 steps directions C-D  
360° movement



6 steps directions A-B  
6 steps directions C-D  
Cross movement

### Customized lever guide



## Version with switches

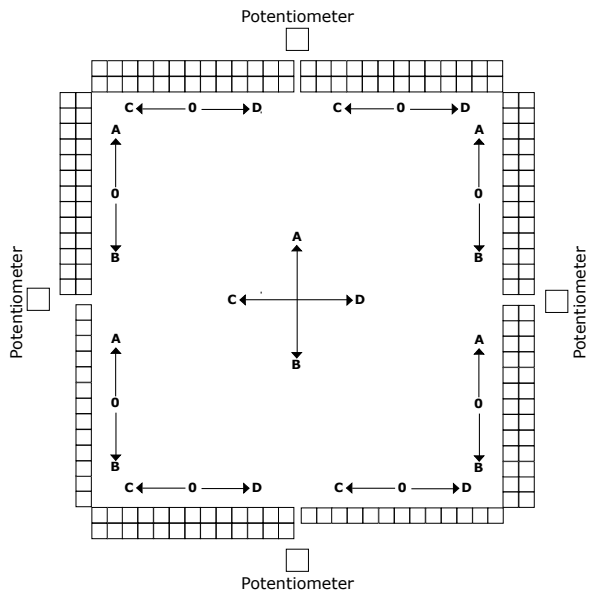
### Potentiometer

- 1 2.2 kΩ  
 2 4.7 kΩ  
 3 10 kΩ  
 4 Preset only

### Instructions

When necessary, write the number corresponding to the **potentiometer** or to the **preset** required. Fill in the **contact** scheme blackening the boxes corresponding to the positions where the cams close the contacts (each bar of 13 boxes correspond to a switch; the central box corresponds to the zero position of the joystick). In the example, the contact is closed in positions 1-2-3 to the left and 3-4 to the right.

6	5	4	3	2	1	0	1	2	3	4	5	6



## Proportional version\*

### Outputs

- Voltage (0-10V)  
PWM (1KHz)  
 Current (4-20mA)  
 CANopen

\* Beside the analogical outputs, also 4 microswitches are available (configuration according to the scheme on the right)

