

Архангельск (8182)63-90-72
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Таджикистан (992)427-82-92-69

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BREVINI®

Motion Systems

JMPIAZ - JMPID Electronic remote current control unit



JMPIAZ joystick is a strong and compact device, whose ergonomic shape is handily organised.

The person present system switch and many other remote control functions can be implemented and operated conveniently. It is developed to meet mobile machinery market requirements, where it is increasingly important to handle the power transmission supply with integrated remote control.

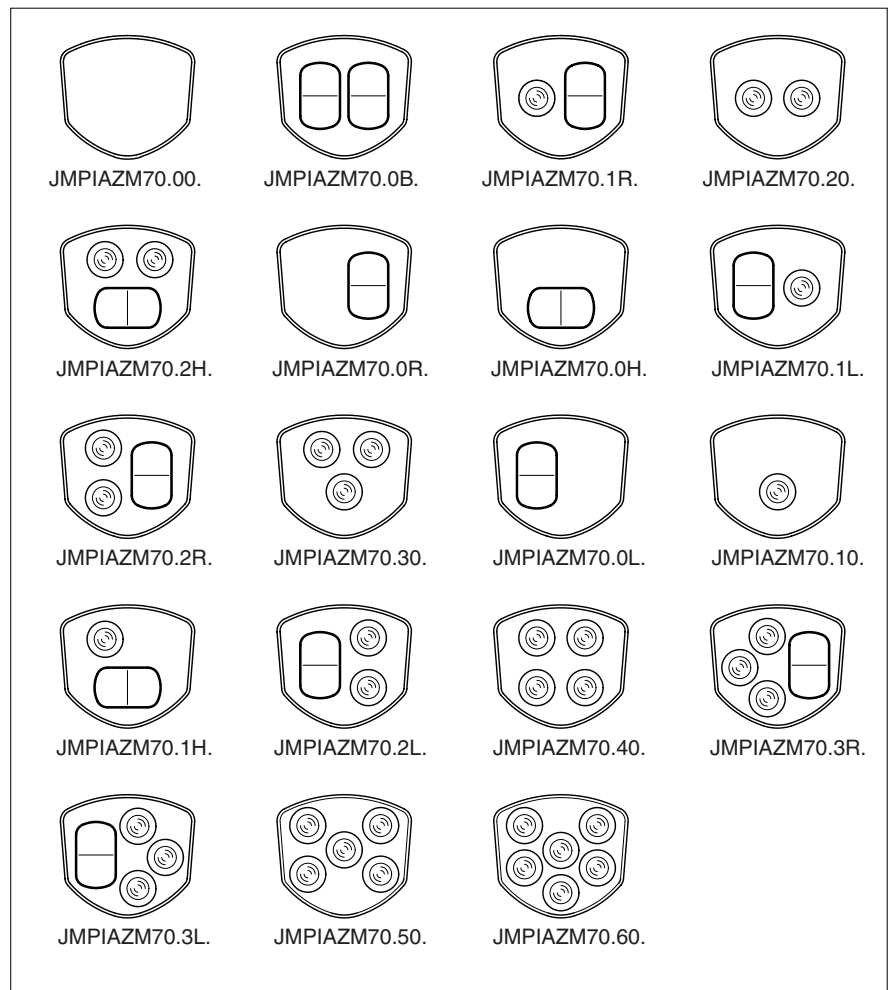
JMPIAZ is simple to fit and replace and is made up of a standard module with two proportional axes and a hand grip that can house several combinations of other proportional axes (up to 4) and ON/OFF outputs.

This joystick allows all the electronic features of ramp generator function, electronic flow adjustment, and dead band compensation (only for proportional axes).

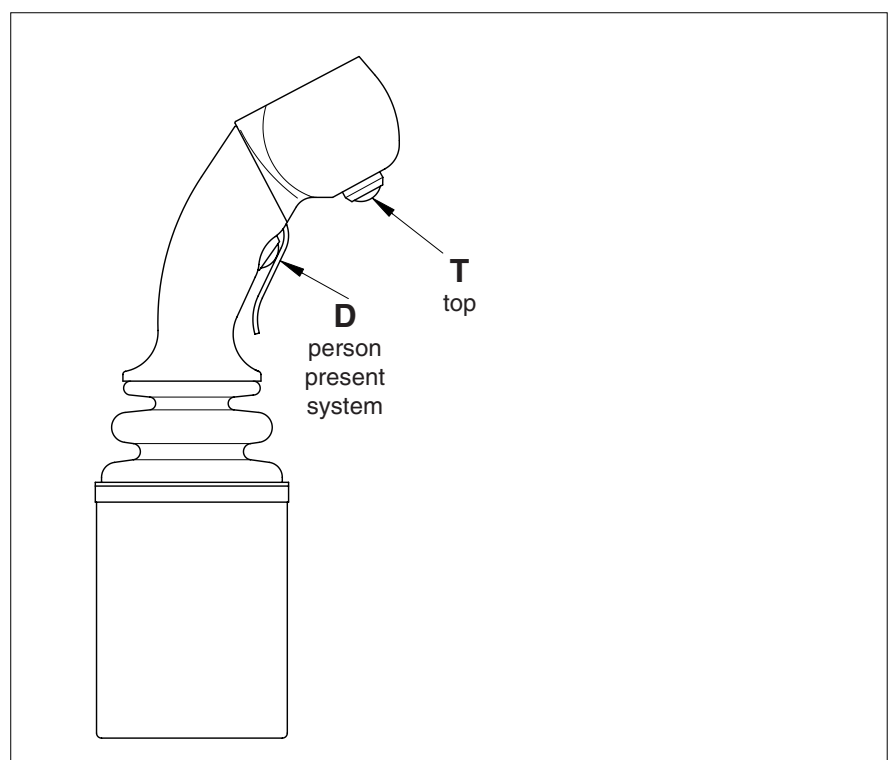
ORDERING CODE

		JMPIAZM70		X	Y	Z	W
Supply voltage	0 12V	2 24V					
	ON/OFF push buttons	0	1	2	3	4	5
		No. of switches in the hand grip side					
	Z axis position	0 none	H horizontal	L left	R right	B both (L+R)	
	Additional ON/OFF push buttons	0 none	T Top	D person present system	B both (T+D)		

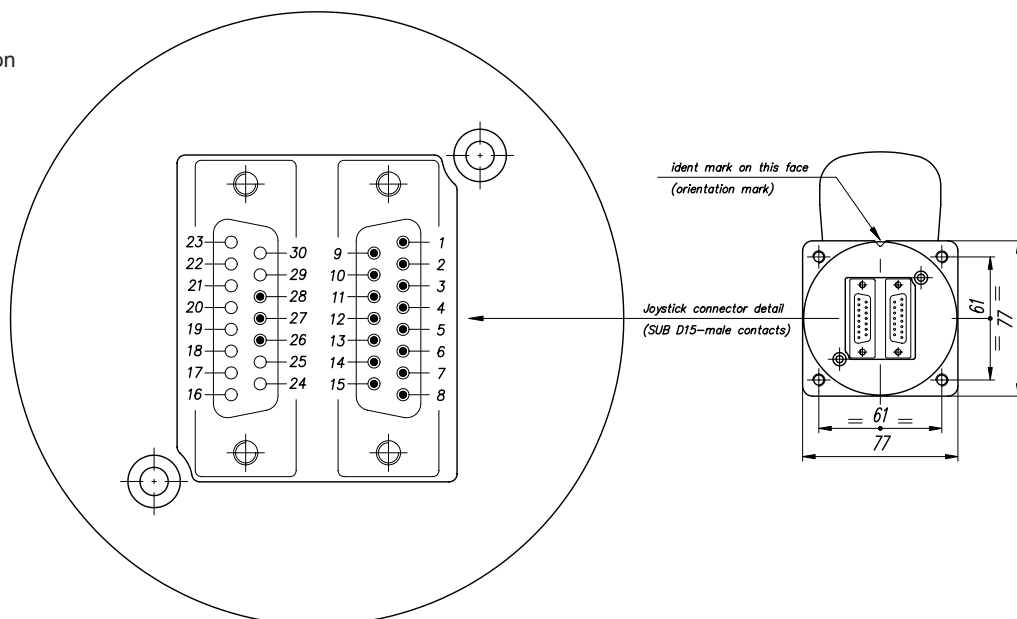
ON/OFF push buttons (Y)
and Z axis position (Z)



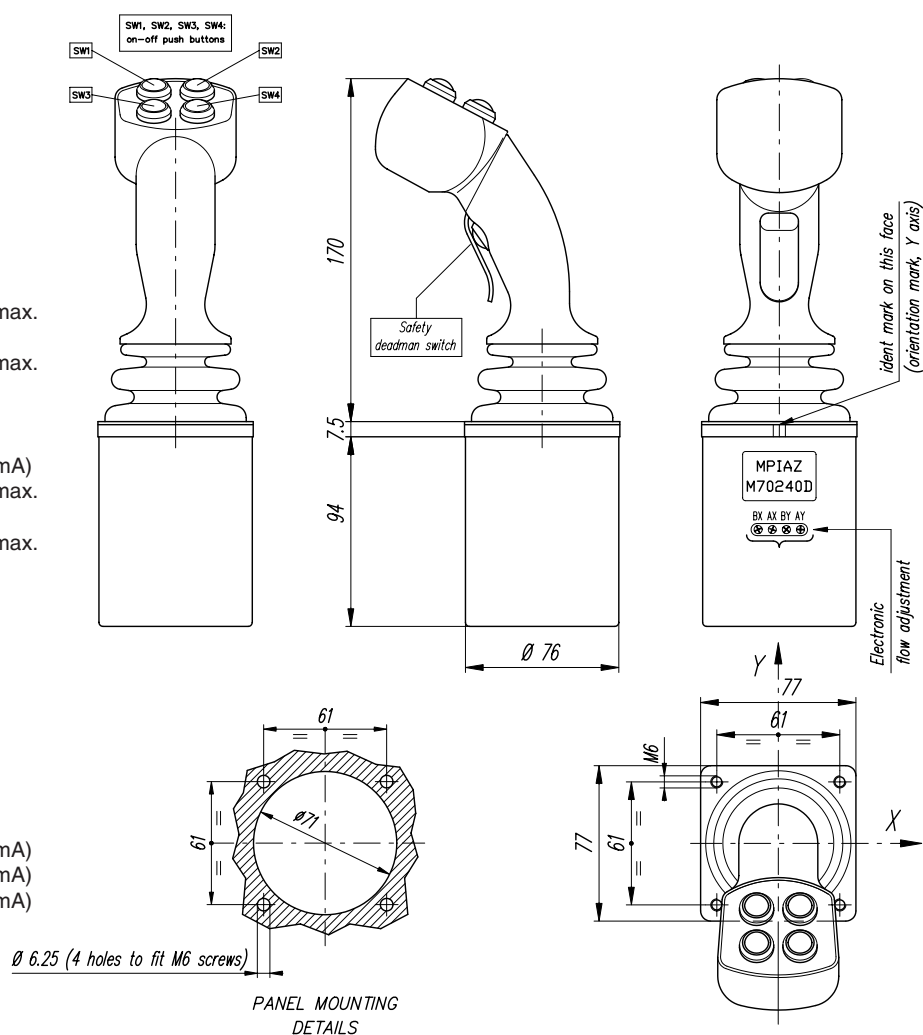
Additional ON/OFF push
buttons (W)



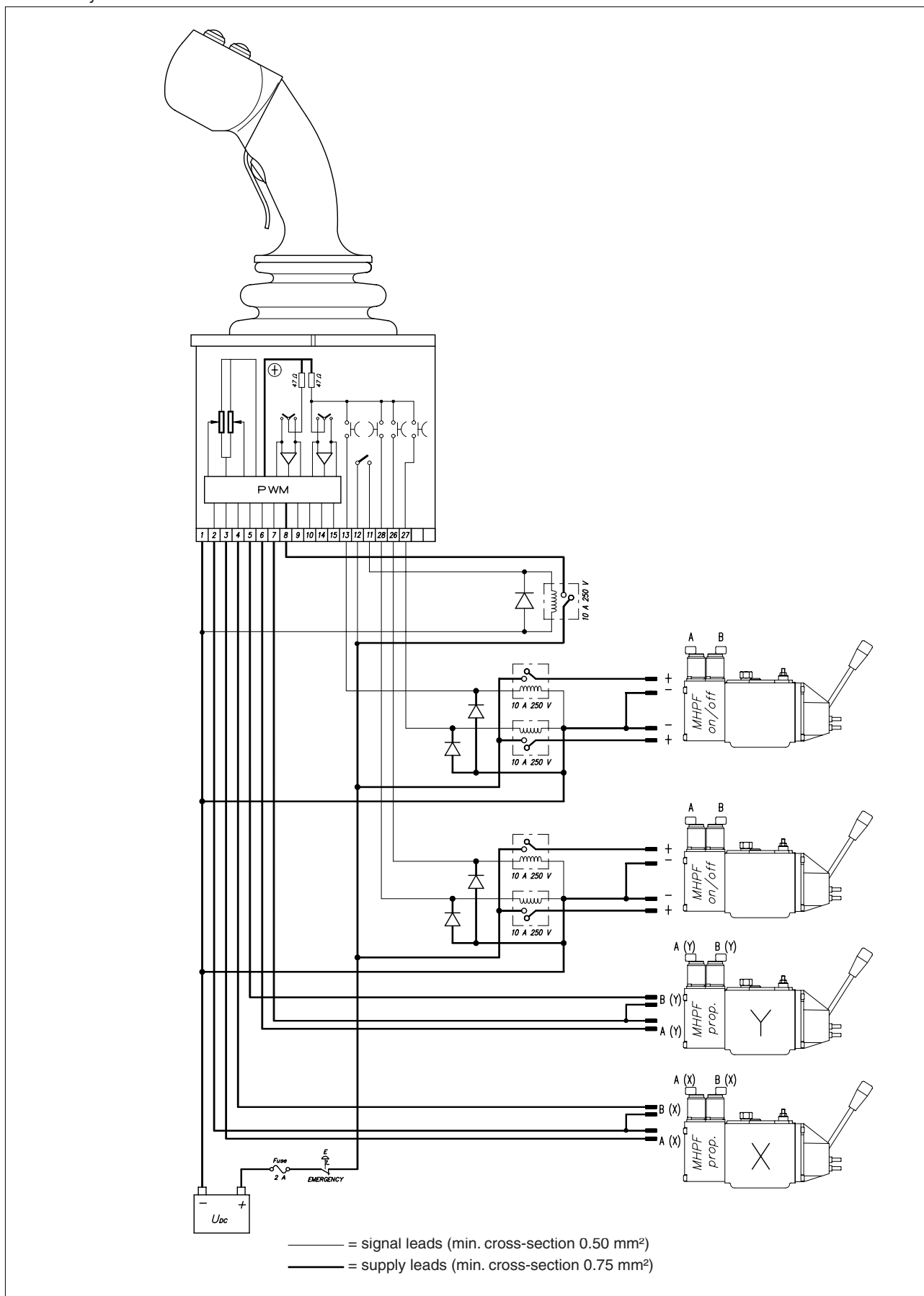
- 4 ON/OFF push buttons in hand grip side
- NO Z axis
- deadman push button



- 1 = U-
- 2 = A / B common X axis
- 3 = A output control, X axis
- 4 = B output control, X axis
- 5 = B output control, Y axis
- 6 = A output control, Y axis
- 7 = A / B common Y axis
- 8 = U+
- 9 = "A" port, directional output (max. load 30 mA)
- 10 = "B" port, directional output (max. load 30 mA)
- 11 = US+ (Safety output)
- 12 = U S+ (Safety in)
- 13 = on-off output (max. load 30 mA)
- 14 = "B" port, directional output (max. load 30 mA)
- 15 = "A" port, directional output (max. load 30 mA)
- 16 = (free)
- 17 = (free)
- 18 = (free)
- 19 = (free)
- 20 = (free)
- 21 = (free)
- 22 = (free)
- 23 = (free)
- 24 = (free)
- 25 = (free)
- 26 = on-off output (max. load 30 mA)
- 27 = on-off output (max. load 30 mA)
- 28 = on-off output (max. load 30 mA)
- 29 = (free)
- 30 = (free)

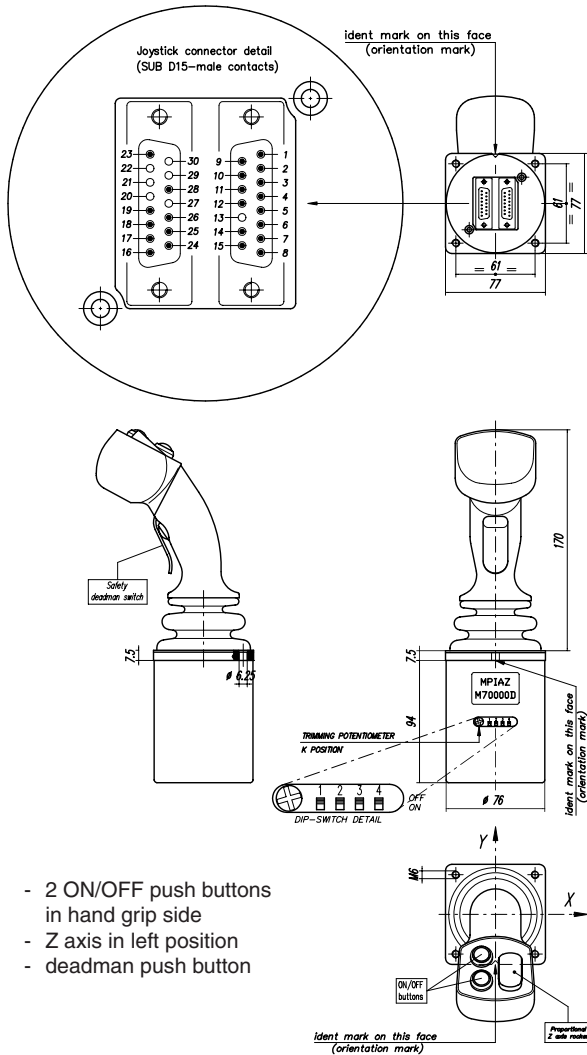


Electrical system



Dimensions and electrical details

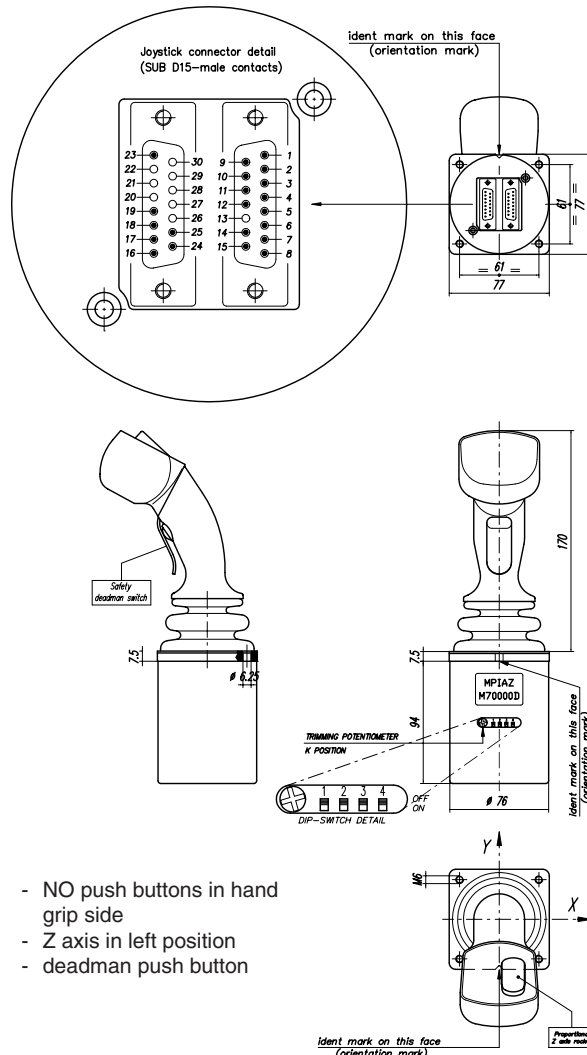
JMPIAZM7002LD (12V)
JMPIAZM7022LD (24V)



- 2 ON/OFF push buttons in hand grip side
- Z axis in left position
- deadman push button

- | | |
|---|---|
| 1 = U- | 16 = U- |
| 2 = A / B common X axis | 17 = A / B common Z axis |
| 3 = A output control, X axis | 18 = A output control, Z axis |
| 4 = B output control, X axis | 19 = B output control, Z axis |
| 5 = B output control, Y axis | 20 = (free) |
| 6 = A output control, Y axis | 21 = (free) |
| 7 = A / B common Y axis | 22 = (free) |
| 8 = U+ | 23 = U+ |
| 9 = "A" port, directional output (max. load 30 mA) | 24 = "A" port, directional output (max. load 30 mA) |
| 10 = "B" port, directional output (max. load 30 mA) | 25 = "B" port, directional output (max. load 30 mA) |
| 11 = Safety switch on | 26 = switch on |
| 12 = Common safety switch | 27 = (free) |
| 13 = (free) | 28 = switch on |
| 14 = "B" port, directional output (max. load 30 mA) | 29 = (free) |
| 15 = "A" port, directional output (max. load 30 mA) | 30 = (free) |

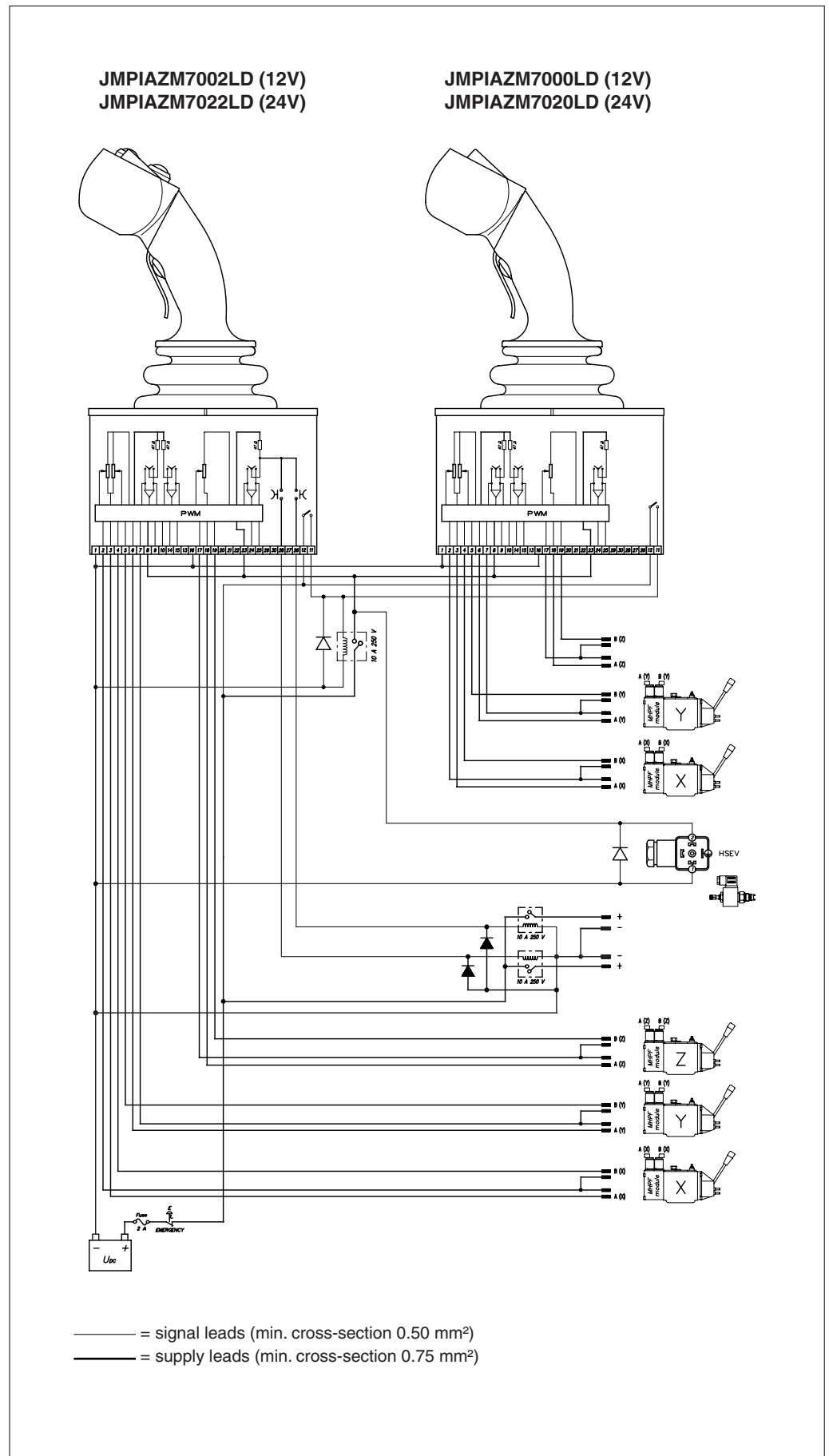
JMPIAZM7000LD (12V)
JMPIAZM7020LD (24V)



- NO push buttons in hand grip side
- Z axis in left position
- deadman push button

- | | |
|---|---|
| 1 = U- | 15 = "A" port, directional output (max. load 30 mA) |
| 2 = A / B common X axis | 16 = U- |
| 3 = A output control, X axis | 17 = A / B common Z axis |
| 4 = B output control, X axis | 18 = A output control, Z axis |
| 5 = B output control, Y axis | 19 = B output control, Z axis |
| 6 = A output control, Y axis | 20 = (free) |
| 7 = A / B common Y axis | 21 = (free) |
| 8 = U+ | 22 = (free) |
| 9 = "A" port, directional output (max. load 30 mA) | 23 = U+ |
| 10 = "B" port, directional output (max. load 30 mA) | 24 = "A" port, directional output (max. load 30 mA) |
| 11 = Safety deadman switch on | 25 = "B" port, directional output (max. load 30 mA) |
| 12 = Common safety deadman switch | 26 = (free) |
| 13 = (free) | 27 = (free) |
| 14 = "B" port, directional output (max. load 30 mA) | 28 = (free) |
| | 29 = (free) |
| | 30 = (free) |

Electrical system



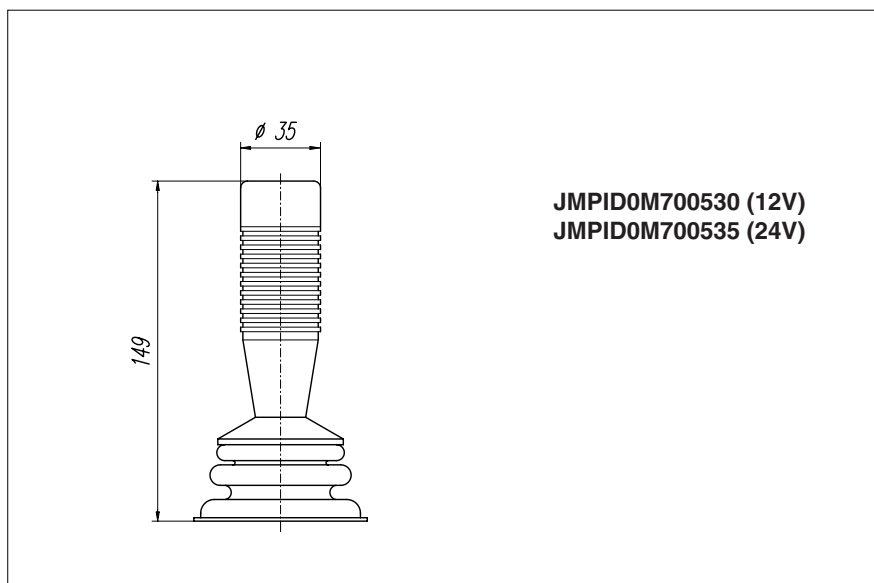
JMPID joystick is a strong and compact device, whose ergonomic shape is handily organised.

The person present system switch and many other remote control functions can be implemented and operated conveniently. It is developed to meet mobile machinery market requirements, where it is increasingly important to handle the power transmission supply with integrated remote control.

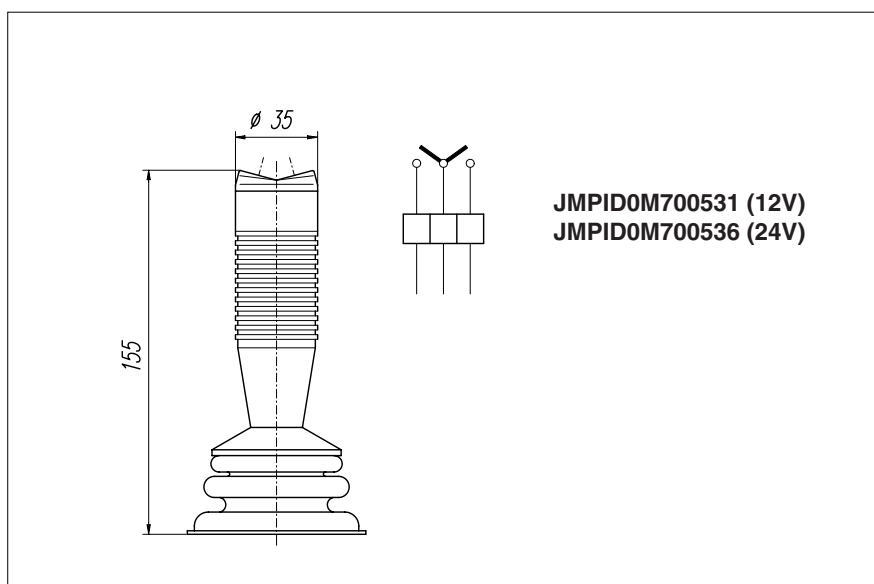
JMPID is simple to fit and replace and is made up of a standard module with two proportional axes and a hand grip that can house several combinations of other ON/OFF outputs.

This joystick allows all the electronic features of ramp generator function, electronic flow adjustment, and dead band compensation (only for proportional axes).

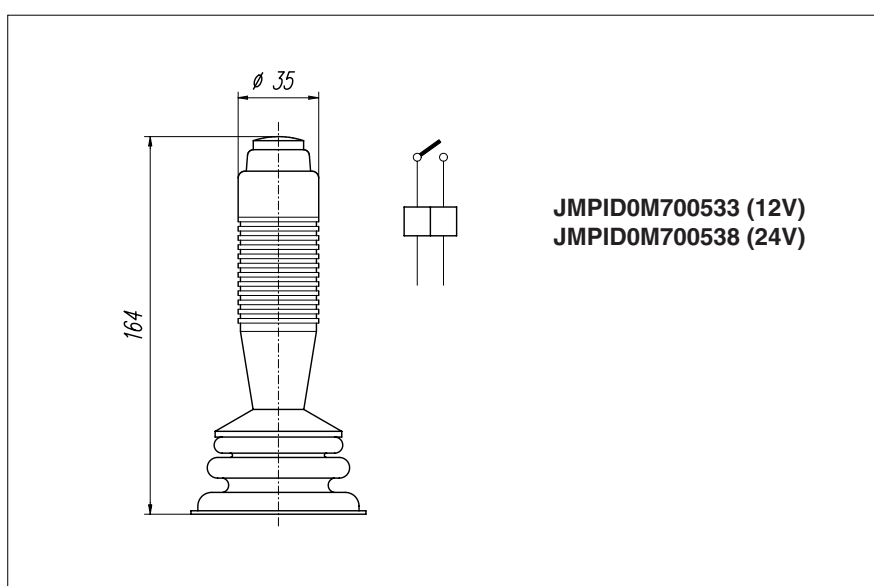
K handle
(no switch)



H handle
(rocker switch)



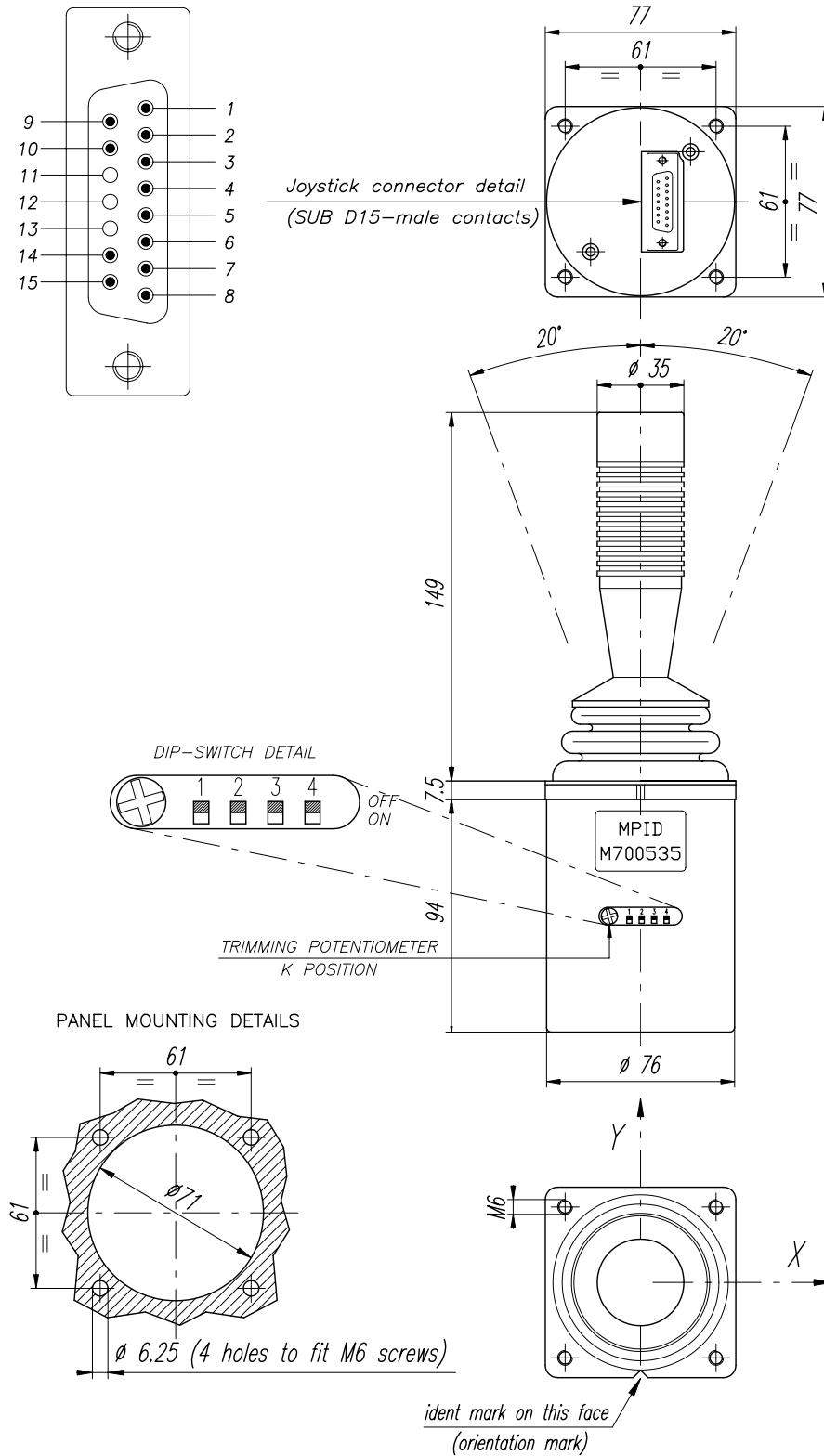
L handle
(deadman switch)



Dimensions and electrical details

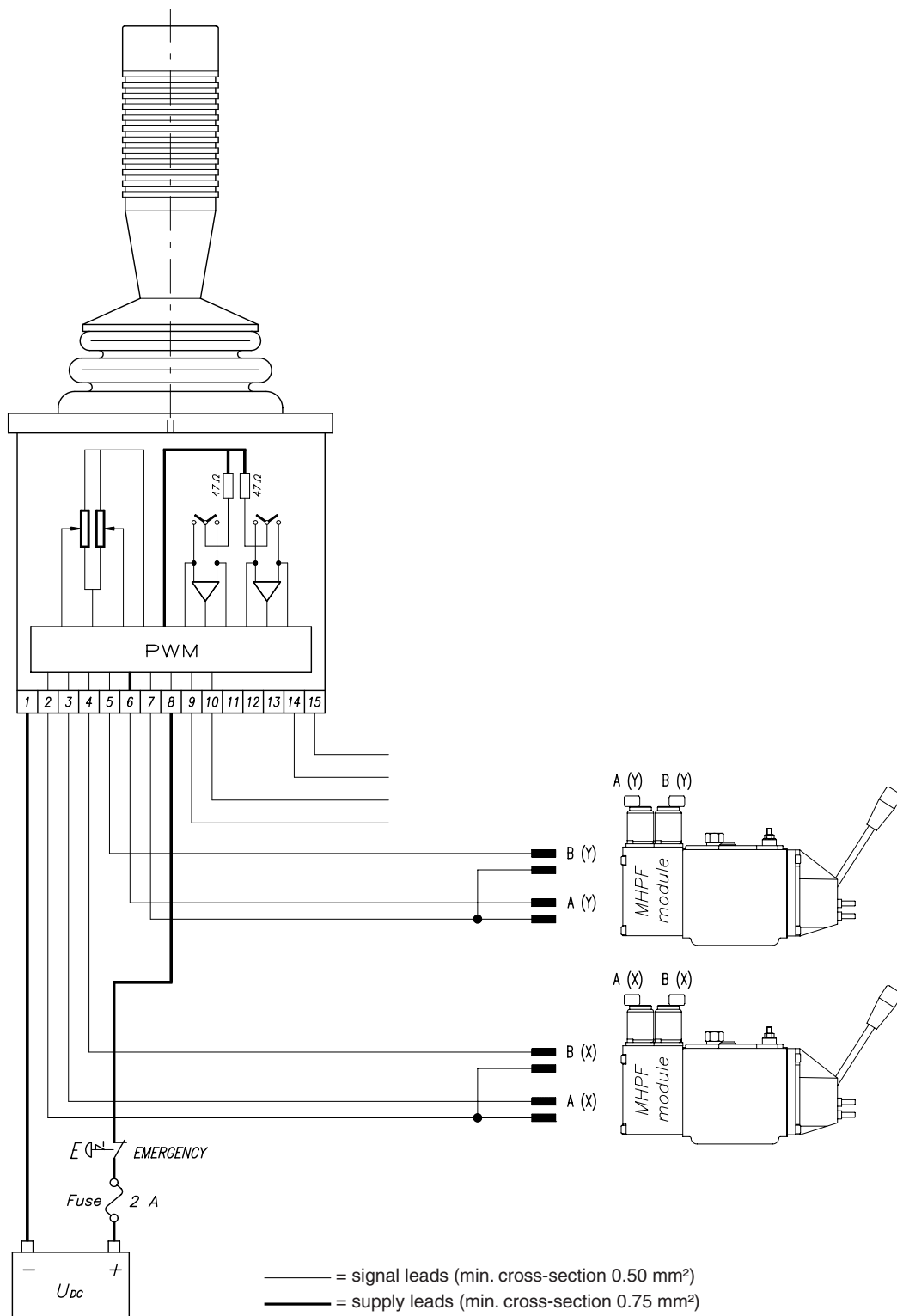
"K" Handle (no switch)
JMPID0M700530 (12V)
JMPID0M700535 (24V)

- 1 = U-
- 2 = A / B common X axis
- 3 = A output control, X axis
- 4 = B output control, X axis
- 5 = B output control, Y axis
- 6 = A output control, Y axis
- 7 = A / B common Y axis
- 8 = U+
- 9 = "A" port, directional output (max. load 30 mA), X axis
- 10 = "B" port, directional output (max. load 30 mA), X axis
- 11 = (free)
- 12 = (free)
- 13 = (free)
- 14 = "B" port, directional output (max. load 30 mA), Y axis
- 15 = "A" port, directional output (max. load 30 mA), Y axis



Electrical system

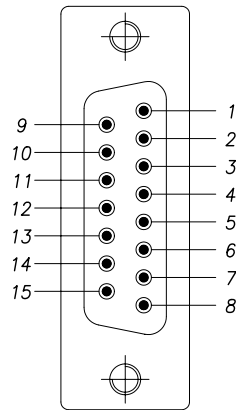
“K” Handle (no switch)
JMPID0M700530 (12V)
JMPID0M700535 (24V)



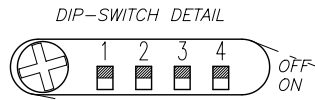
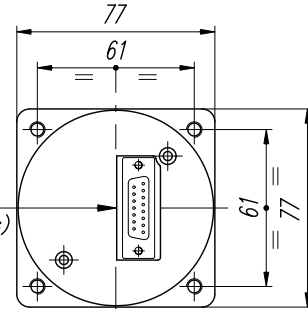
Dimensions and electrical details

“H” Handle (rocker switch)
JMPID0M700531 (12V)
JMPID0M700536 (24V)

- 1 = U-
- 2 = A / B common X axis
- 3 = A output control, X axis
- 4 = B output control, X axis
- 5 = B output control, Y axis
- 6 = A output control, Y axis
- 7 = A / B common Y axis
- 8 = U+
- 9 = “A” port, directional output (max. load 30 mA), X axis
- 10 = “B” port, directional output (max. load 30 mA), X axis
- 11 = Switch on (max. load = 30 mA)
- 12 = Common terminal switch on/off/on
- 13 = Switch on (max. load = 30 mA)
- 14 = “B” port, directional output (max. load 30 mA), Y axis
- 15 = “A” port, directional output (max. load 30 mA), Y axis

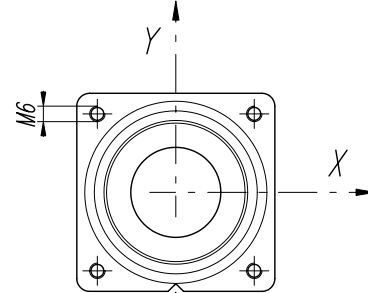
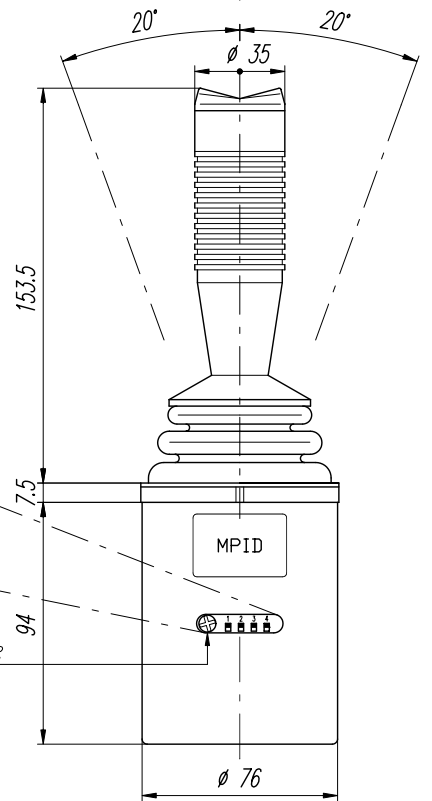
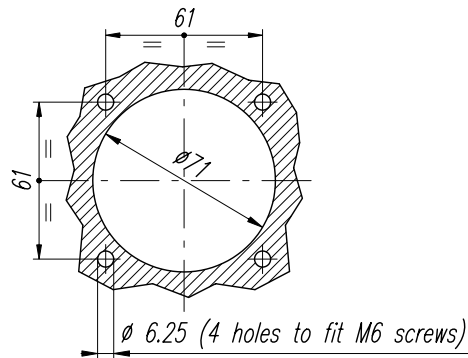


*Joystick connector detail
(SUB D15-male contacts)*



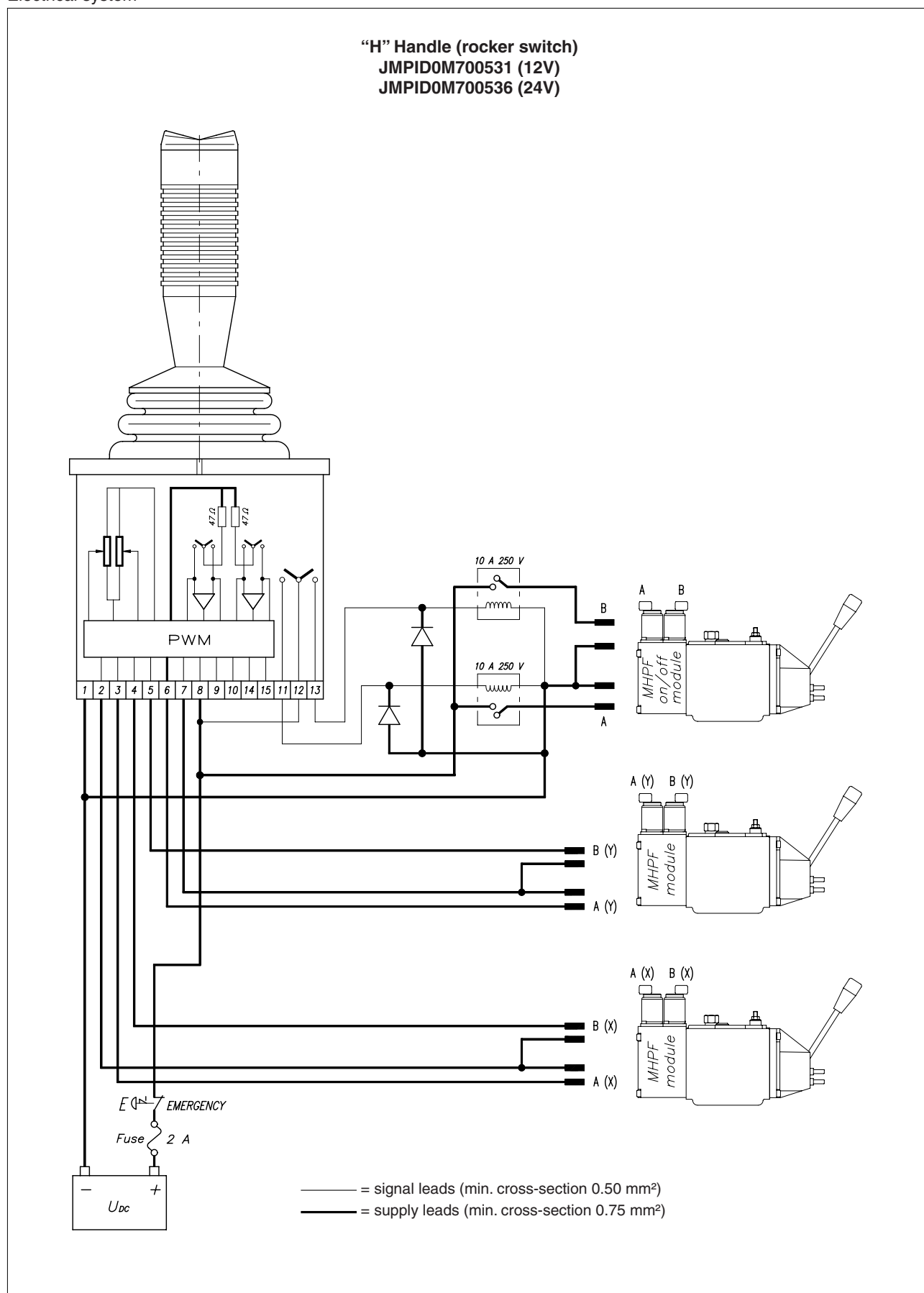
*TRIMMING POTENTIOMETER
K POSITION*

PANEL MOUNTING DETAILS



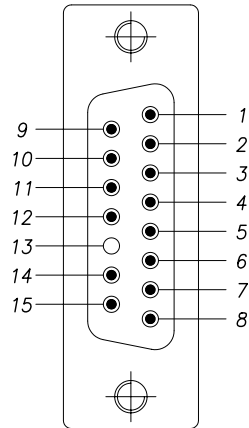
*ident mark on this face
(orientation mark)*

Electrical system

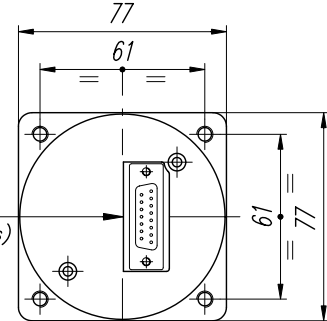


Dimensions and electrical details

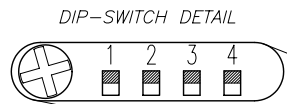
"L" Handle (deadman switch)
JMPID0M700533 (12V)
JMPID0M700538 (24V)



*Joystick connector detail
(SUB D15-male contacts)*

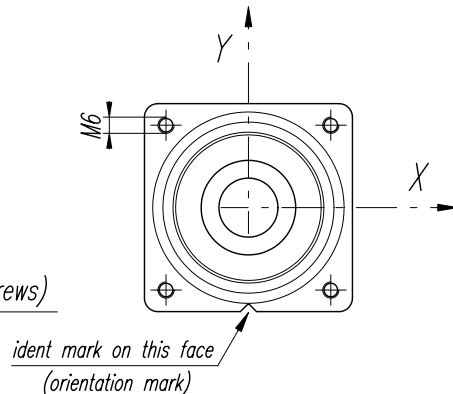
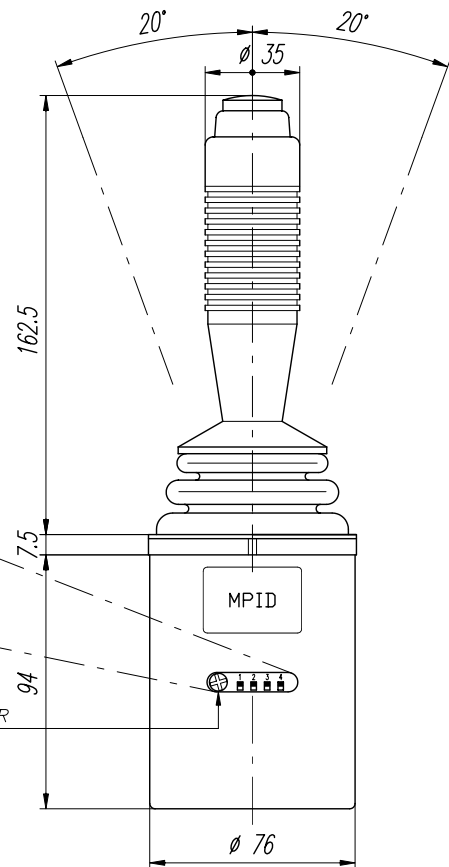
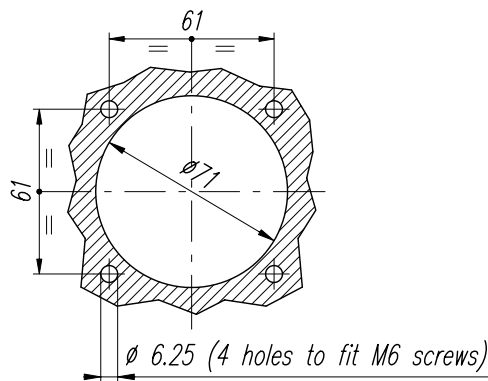


- 1 = U-
- 2 = A / B common X axis
- 3 = A output control, X axis
- 4 = B output control, X axis
- 5 = B output control, Y axis
- 6 = A output control, Y axis
- 7 = A / B common Y axis
- 8 = U+
- 9 = "A" port, directional output (max. load 30 mA), X axis
- 10 = "B" port, directional output (max. load 30 mA), X axis
- 11 = Switch on (max. load = 30 mA)
- 12 = Common terminal switch on/off
- 13 = (free)
- 14 = "B" port, directional output (max. load 30 mA), Y axis
- 15 = "A" port, directional output (max. load 30 mA), Y axis



*TRIMMING POTENTIOMETER
K POSITION*

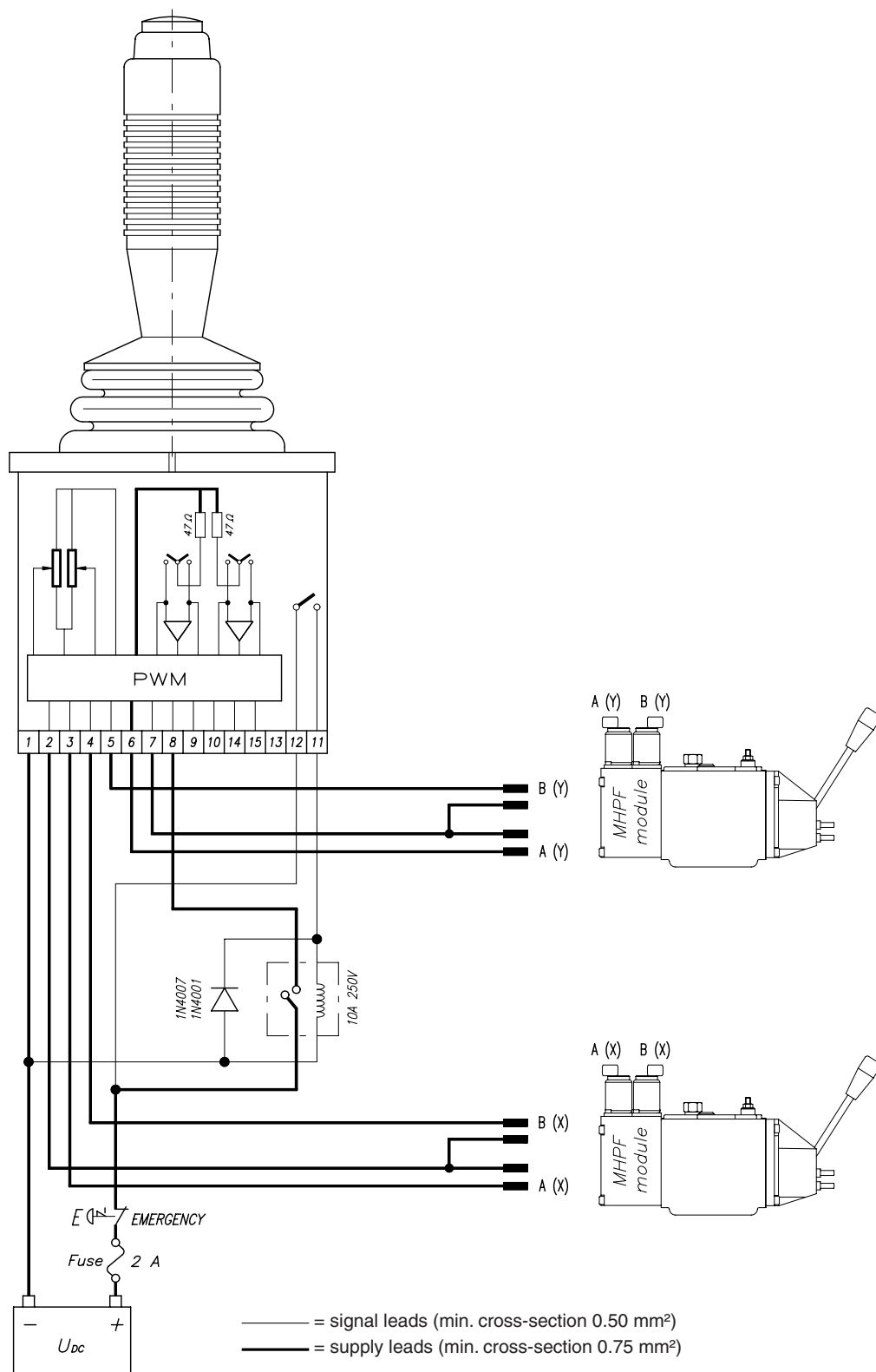
PANEL MOUNTING DETAILS



“L” Handle (person present system switch)

JMPID0M700533 (12V)

JMPID0M700538 (24V)



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