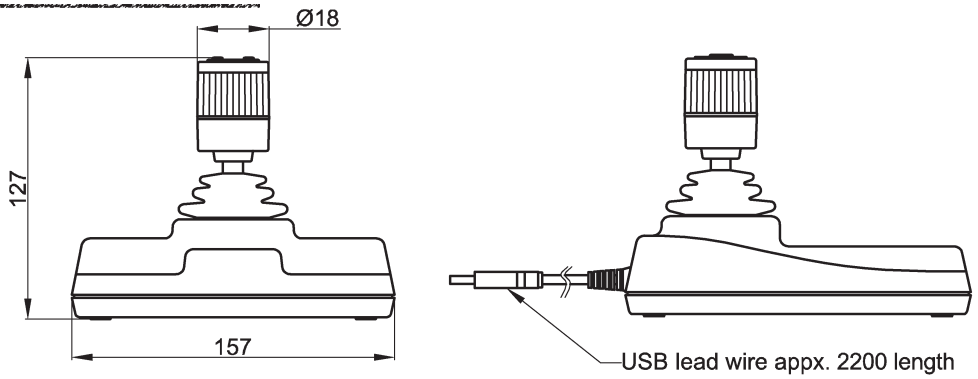
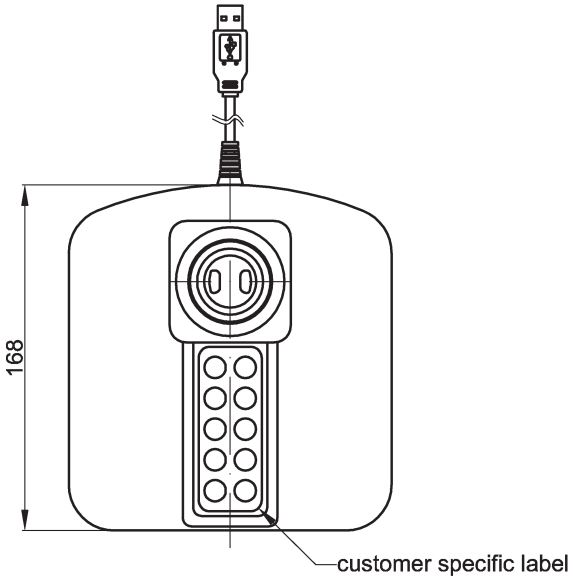
Mach V - Hall-Effect Desktop-Joystick

- 3- axes
- 12 switching functions, 2 of it in the handle knob
- Spring return at center pos.
- Ergonomic desk-housing
- Wearless hall technology
- USB interface
- Applications: monitoring cameras, medical engineering, digital grafic processing, etc.

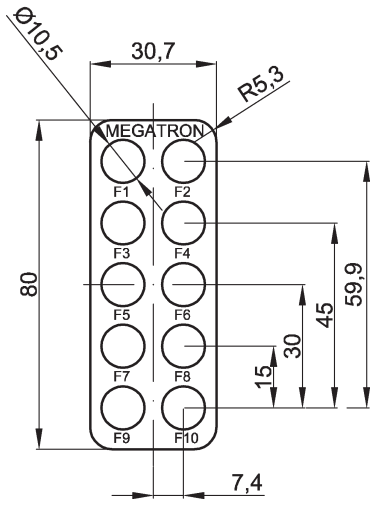
The type MACH V was designed especially for the application in video control systems . The exact and accurate feedback of the angle sensor allows a precise control of video cameras in its pitch-, pivot and zoom-function.
The 12 buttons, integrated in the housing and handle-knob enables a lot of switch functions. For instance it is possible to select up to 10 monitoring cameras over the buttons of the housing. Zoom, record or other functions can be controlled over the handle-buttons.
At other applications like mecial engineering, you got a huge of possibilities by the housing-buttons.

Dimensions





Customer specific label



Technical Data

Supply voltage	5V ± 10%
Power consumption	32 mA max.
Resolution	infinite
Electrical life expectancy hall sensors	1 Million h
Electrical life expectancy push-button	1.000.000 cycles
Mech. life expectancy (movements)	3 Millionen (Normal use)
Linearity tolerance	± 2 %FS]
Deflection X-,Y- axis	±18°
Deflection Z- axis	±40°
Operatin force in X-Y- direction	2,25 N
Repeat accuracy center pos.	± 1 %
Operating temperature	-25..+85°C
Storage temperature	-55..+165°C
Weigth	440 g
Protection grade	IP50
Inflammability	94HB

Order Description

	Series	Function	Bezel	Reset Device	Handle	Limiter Plates	Sensor Element
Joystick with desktop housing and hall sensors	**Mach V**	**5**	**5**	**1**	**A**	**1**	**5**
3 axes and push-button		5					
Rubber boot			5				
Spring return device				1			
Knob with third axis and 2 push-buttons					A		
Limiter plate square						1	
USB output							5

User specific labelling fields on request.

The herewith stated data can not describe the product character or property due to the various applications specialities.