

Multi-axis Controller

V11



The Multi-axis Controller V11 is a robust switching device for crane and hoisting applications. The modular design enables the switching device to be used universally.

Technical data

Mechanical life	10 million operating cycles
Operation temperature	-40°C to +85°C
Degree of protection	up to IP54 front



	V11L	S5	P	T	-01 Z P	+03A R	-A05 P324	+A110	-X
Basic unit									
V11L 2-axis left									
Control-handle extended									
S5 -20 mm									
Gate									
P Cross gate									
Grip / palm grip									
T Dead man									
Axis 1 (direction 1-2)									
01 2 contacts (2A 250 V AC15)									
Z Spring return									
P Potentiometer									
Axis 2 (direction 3-4)									
03A 6 contacts (4A 250 V AC15)									
R Friction brake									
Description axis 1 (direction 1-2)									
A05 Arrangement MS21									
P324 Potentiometer T365 2 x 5 kOhm									
Description axis 2 (direction 3-4)									
A110 Arrangement MS24-0									
Special model									
X Special / customer specified									

Multi-axis Controller

V11



Combination possibilities with our grips



V11L S5 P T - 01 Z P + 03A R P - A05 P324 + A110 P325 - X

Basic unit

V11L	2-axis left
V11R	2-axis right
V11.1L	1-axis left
V11.1R	1-axis right

Control-handle extended

Standard 120 mm*

S5	-20 mm
S8	+20 mm

*Only available in combination with a handle!

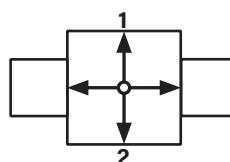
Gate

P	Cross gate
P X	Special gate

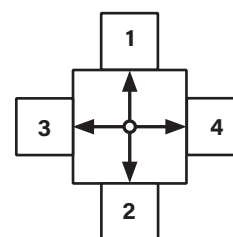
Grip / palm grip

	Knob (included in basic unit!)
M	Mechanical zero interlock
MN	Mechanical zero interlock (push down)
T	Dead man
H	Signal button
D	Push button
DV	Flush push button
B...	Palm grip B... (see page palm grip 170)

Identification of the installation variants with switching directions:



V11.1



V11

V11L S5 P T - 01 Z P + 03A R P - A05 P324 + A110 P325 - X

Axis 1: direction 1-2 left / direction 5-6 right

(Standard contacts gold-plated 2A 250 V AC15)

01	☐	2 contacts	Standard contact - arrangement see page 151	
02	☐	4 contacts	e.g.	
03	☐	6 contacts	A980	MS00
			A05	MS21
			A0500	MS21-00
			A110	MS24-0
			(Max. 4 steps per switching direction possible!)	

A = Silver contacts (4A 250 V AC15)

A99 contact - arrangement according customer request

Z Spring return

R Friction brake

(P) Possibility of mounting potentiometer and encoder (Gessmann-types)

P	Potentiometer	P324	T365 2 x 5 kOhm	I max. 1 mA
		P325	T365 2 x 10 kOhm	I max. 1 mA
		More potentiometers on request!		

C Encoder C... Encoder see page 157

V11L S5 P T - 01 Z P + 03A R P - A05 P324 + A110 P325 - X

Axis 2: direction 3-4 left / direction 7-8 right

(not applied for V11.1)

(Standard contacts gold-plated 2A 250 V AC15)

01	☐	2 contacts (2A 250V AC15)	Standard contact - arrangement see page 151	
02	☐	4 contacts (2A 250V AC15)	z.B.	
03	☐	6 contacts (2A 250V AC15)	A980	MS00
			A05	MS21
			A0500	MS21-00
			A110	MS24-0
			(Max. 4 steps per switching direction possible!)	

A = Silver contacts (4A 250 V AC15)

A99 contact - arrangement according customer request

Z Spring return

R Friction brake

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		More potentiometers on request!		

C Encoder C... Encoder see page 157

V11L S5 P T - 01 Z P + 03A R P - A05 P324 + A110 P325 - X

Special model

X Special / customer specified

Attachments

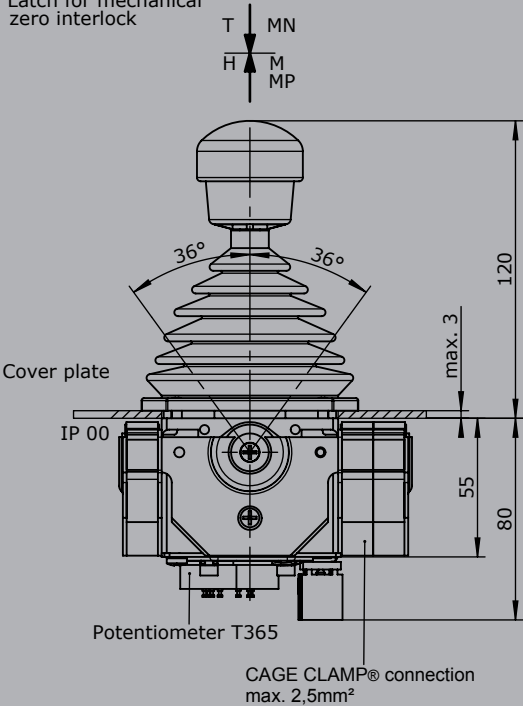
Indicating labels

Indicating labels with engraving

T = Dead man's button

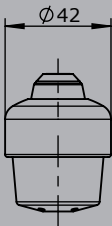
H = Signalbutton

M = Latch for mechanical zero interlock

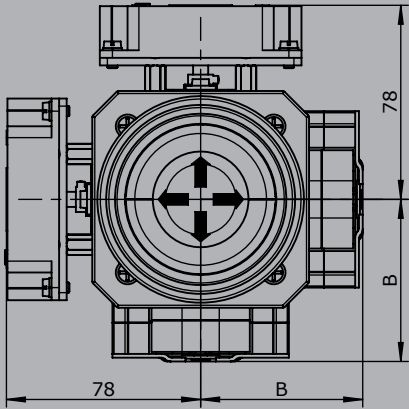
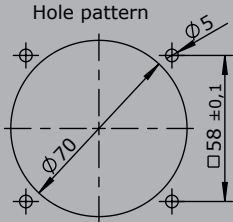
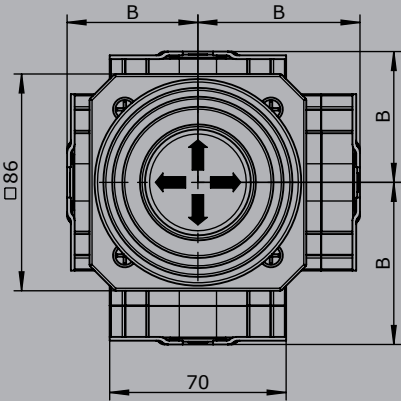
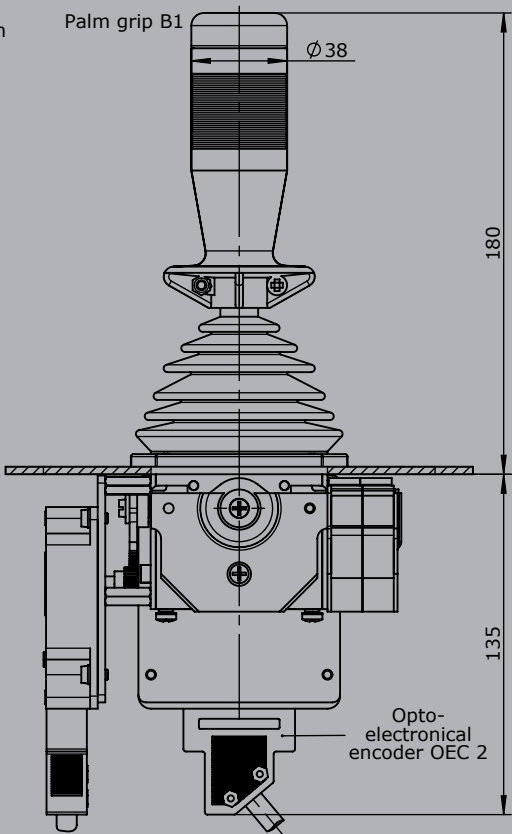


Knob solid

D= Push button



Palm grip B1



Type	No. of contacts	Dim. B
01	2	51
02	4	64
03	6	76