Multi-axis controller
V11

GESSMANN Industrial Controllers

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. The V11 is resistant to oil, maritime conditions e.g. offshore / vessels, UV radiation typically from the sun.

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Technical data

Mechanical life	10 million operating cycles
Operation temperature	-40°C til +60°C
Degree of protection	IP 54 front

Example

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 250V AC15)

Z Spring return

P Potentiometer

Axis 2 (direction 3-4)

03A 6 Contacts (4A 250V AC15)

R Friction brake

Describtion axis 1 (direction 1-2)

A05 Arrangement MS 21

P324 Potentiometer T365 2x5 kOhm

Describtion axis 2 (direction 3-4)

A110 Arrangement MS 24-0

Special model

X Special / customer-specific

Technical details may vary based on configuration or application! Technical data subject to change without notice!

V2015/1 10.02.2015

Multi-axis controller
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Combination possibilities with our ball handles

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

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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 handle!*

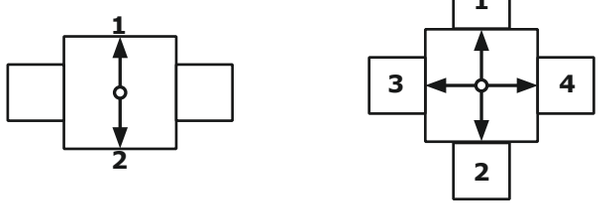
Gate

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 128)*

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 250V AC15)

01	☐ 2 contacts	Standard contact - arrangement see page 106	
02	☐ 4 contacts	z.B.	
03	☐ 6 contacts	A980	MS 00
		A05	MS 21
		A0500	MS 21-00
		A110	MS 24-0
	☒ = Silver contacts (4A 250V 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	T316 2x5 kOhm	I max. 1 mA
		P325	T316 2x10 kOhm	I max. 1 mA
		More potentiometer on request!		
C	Encoder	C... Encoder see page 118		

Technical details may vary based on configuration or application! Technical data subject to change without notice!

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If both axis identical, it`s enough to describe one axis!
example: ...A05P324 + A05P324 => A05P324

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 applicable to V11.1)*

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

01	☐	2 contacts (2A 250V AC15)	Standard contact - arrangement see page 106	
02	☐	4 contacts (2A 250V AC15)	z.B.	
03	☐	6 contacts (2A 250V AC15)	A980	MS 00
			A05	MS 21
			A0500	MS 21-00
			A110	MS 24-0
	A	= Silver contacts (4A 250V 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 2x5 kOhm	I max. 1 mA
		P325	T365 2x10 kOhm	I max. 1 mA
		More potentiometer on request!		
C	Encoder	C... Encoder see page 118		

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

Special model

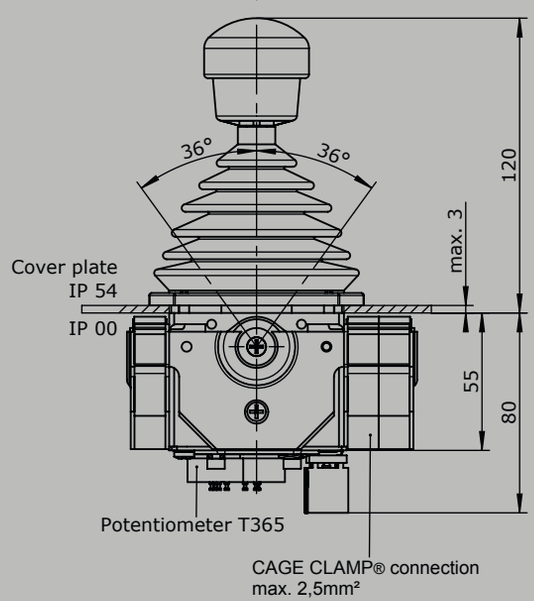
X Special / customer-specific

Special model

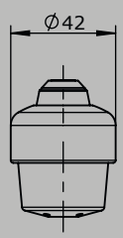
Indicating labels

Indicating labels with engraving

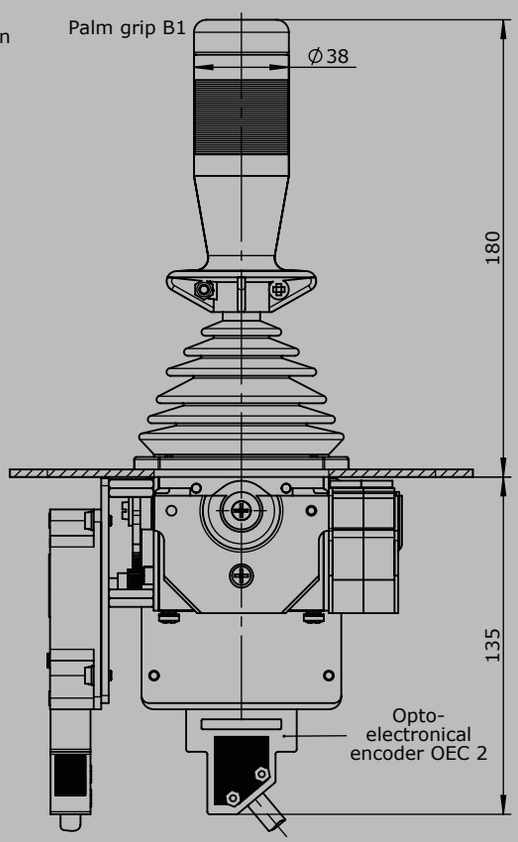
T = Dead man's button
H = Signalbutton
M = Latch for mechanical zero interlock

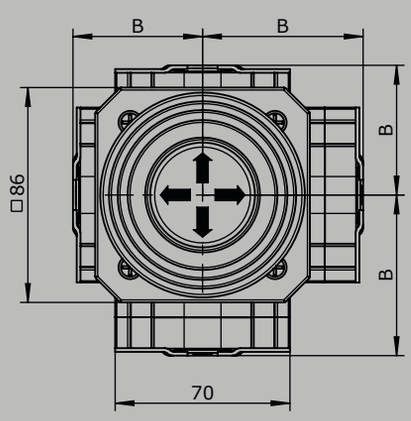


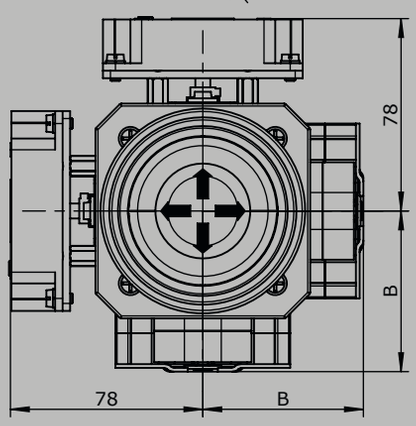
Knob solid
D= Push button



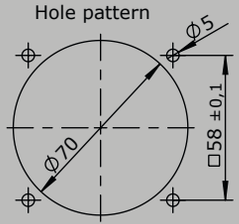
Palm grip B1







Hole pattern



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