

Multi-Axis Controller V11



GESSMANN®

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 V11	10 million operating cycles
Operation temperature	-40°C to +85°C
Degree of protection	Up to IP54 front



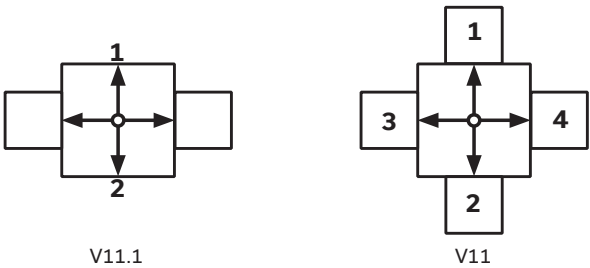
	V11L	S5	P	T	-01 Z P	+03A R	-A05 P324	+A110	-X
Basic unit									
V11L Multi-Axis Controller 2-axis left									
Control-handle extended									
S5 -20 mm									
Gate									
P Cross gate									
Grip / Palm Grip									
T Dead man									
Axis 1 (direction 1-2)									
01 2 contacts (2A 250 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									

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 163)													

Identification of the installation variants
with switching directions:



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 129	
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!)	
	☒	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 137		

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

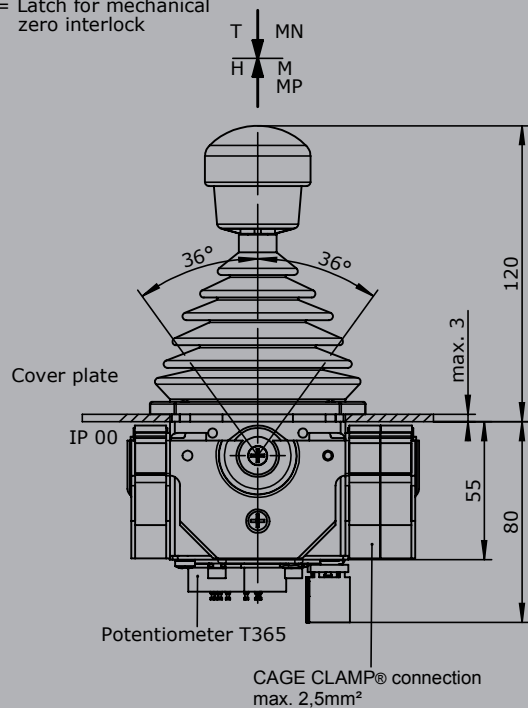
Axis 2: direction 3-4 left / direction 7-8 right			(not applied for V11.1)		
(Standard contacts gold-plated 2A 250 V AC15)					
01	☐	2 contacts (2A 250V AC15)	Standard contact - arrangement see page 129		
02	☐	4 contacts (2A 250V AC15)	z.B.		
03	☐	6 contacts (2A 250V AC15)	A980	MS00	
			A05	MS21	
			A0500	MS21-00	
			A110	MS24-0	
			(Max. 4 steps per switching direction possible!)		
	☒	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 137			

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

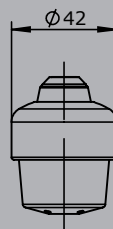
Special model	
X	Special / customer specified

Attachments	
	Indicating labels
	Indicating labels with engraving

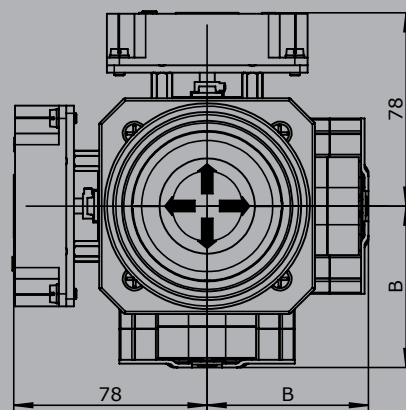
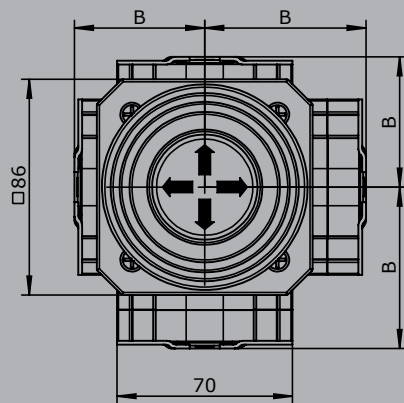
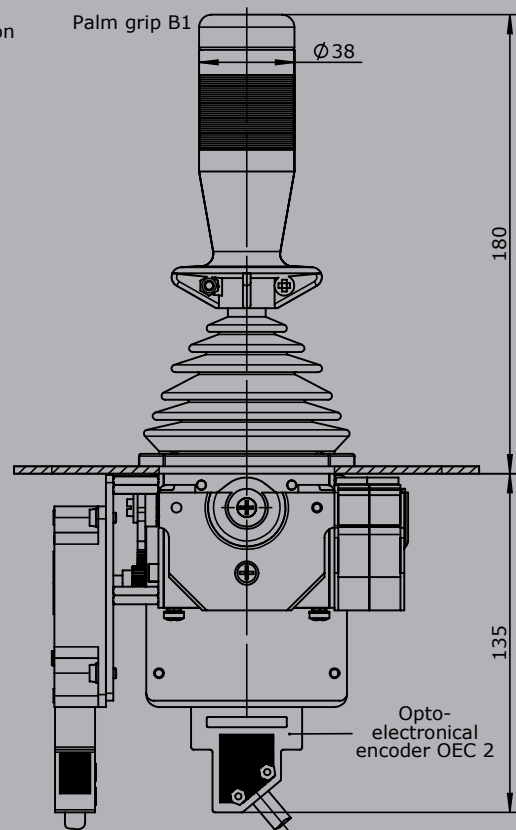
T = Dead man's button
H = Signalbutton
M = Latch for mechanical
zero interlock



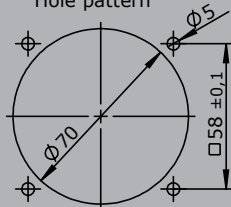
Knob solid
D= Push button



Palm grip B1



Hole pattern



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