Multi-Axis Controller



The V1 is a robust Joystick commonly used in electro-hydraulic applications. The modular design enables the switching device to be used universally. Long life and high reliability is ensured by the latest contactless hall-technology.

Technical data

- Mechanical life V1
- Supply voltage
- Operation temperature
- Degree of protection

Functional safety

1 million operating cycles
See interface
-40°C to +85°C
Up to IP65
PLd compatible (EN ISO 13849, complies SIL2 to DIN EN IEC 61508)



		V1	Р	H11	H13	H15	H17	- Z	+ Z	- B	- E	- S	- X
-													
Basic													
V1.1	Multi-Axis Controller, 1-axis												
V1	Multi-Axis Controller, 2-axis												
Gate		-											
Р	Cross gate												
PX	Special gate												
Grip /	/ Grip functions												
	Grip (included in basic unit!)												
H11	Additional axis 1 / Grip up - down												
H13	Additional axis 2 / Grip rotate left - right												
H15	Additional axis 3 / Grip tilt forwards - backwards												
H17	Additional axis 4 / Grip tilt left - right												
		I											
Axis :								-					
Z	Spring return												
R	Friction brake												
Axis	2 (not applicable to V1.1)												
Z	Spring return												
R	Friction brake												
		1											
	r housing												
В	Cover housing (included in basic unit!)												
Interf	ace (description see on the following pages)												
	Voltage output												
	interfaces on request!												
Plug	connectors												
S	Standard plug connectors (see page 125)												
		I											
	al model												
Х	Special / customer specified												

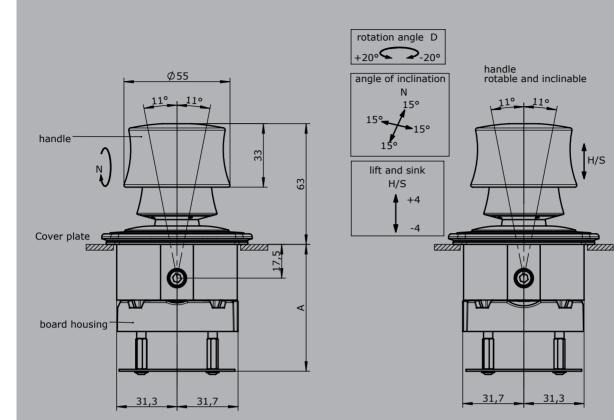
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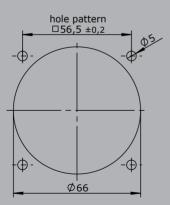


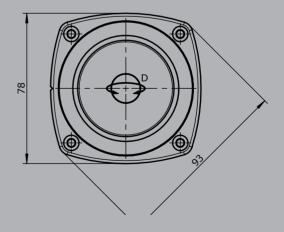
Voltage output (not stabilized)						
Supply voltage	4,75-5,25V DC						
Current carrying capacity	Direction signal 8 mA						
Mounting depth A	85 mm						
Wiring	1. cable 14 x 0,25 mm ² 500 mm long without plu	g connector					
	Optional with plug connector (standard plug connectors see page 125)						
0,52,54,5V redundant signa	ıls per axis						
		1 axis	E103 1				
		2 axis	2				
		3 axis*	3				
		4 axis*	4				
		5 axis*	5				
		6 axis*	6				
	Output options						
		Characteristic:					
		Inverse dual		1			
		Dual		2			
		Inverse dual with dead zone +/- 3° (standard)		3			
		Dual with dead zone +/- 3°		4			
More outputs on request!							

$\underset{\forall 1}{\textbf{Multi-Axis Controller}}$









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