

# Single-axis controller S1



The single-axis controller S1 is a robust switching device for remote control and electro-hydraulic applications. The modular design of the switching device is universally applicable. The single-axis controller is resistant to oil, maritime conditions e.g. offshore /vessels, UV radiation typically from the sun.

## Technical data

Mechanical life S1	6 million operating cycles
Operating temperature	-40°C til +60°C
Degree of protection	IP65



1

Example

	S1	T	- 2 Z P	- A05 P374	- X
<b>Basic unit</b>					
S1 1-axis					
<b>Grip / palm grip</b>					
T Dead man					
<b>Axis 1 (direction 1-2)</b>					
2 2 contacts (1,5A 24V DC13)					
Z Spring return					
P Potentiometer					
<b>Description axis 1 (direction 1-2)</b>					
A05 Arrangement MSP21					
P374 Potentiometer T 375 2x5 kOhm					
<b>Special model</b>					
X Special / customer-specific					

S1 T - 2 Z P - A05 P374 - X

## Basic unit

S1 1-axis

## Grip / palm grip

Knob (standard)  
 M Mechanical zero interlock  
 T Dead man  
 D Push button  
 GS8 Knob GS8

S1 T - 2 Z P - A05 P374 - X

## Axis 1: direction 1-2 left

1	1 contact	Standard contact - arrangement see page 112			
2	2 contacts	z.B.			
3	3 contacts	A05	MS21		
4	4 contacts	A050	MS21-0		
		A060	MS22-0		
		<i>A99 contact - arrangement according customer request</i>			
Z	Spring return (included in basic unit!)				
R	Friction brake				
P	Potentiometer	P372	T375	2x1kOhm	I max. 1mA
		P374	T375	2x5kOhm	I max. 1mA
		P274	T430	2x5kOhm	I max. 1mA
		<i>with direction track</i>			

S1 T - 2 Z P - A05 P374 - X

## Special model

X Special / customer-specific

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T = Dead man's button

