

Single-axis controller S11



The single-axis controller S11 is a hall sensor switching device designed for electro-hydraulic and remote controlled hydraulic. 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.



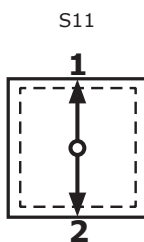
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Technical data

Mechanical life S11	6 million operating cycles
Operating temperature	-40°C til +60°C
Degree of protection	IP65

	S11	T	- Z	- E...	- X
Basic unit					
S11 1-axis					
Grip / palm grip					
Knob (standard)					
M Mechanical zero interlock					
T Dead man					
D Push button					
GS8 Knob GS8					
Z Spring return <i>(included in basic unit!)</i>					
R Friction brake					
Interface <i>(description on the following page)</i>					
E0xx Digital output					
E1xx Voltage output					
E2xx Current output					
Special model					
X Special / customer-specific					

Identification of the installation variants with switching directions:



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Digital Output

Supply voltage	9-32V DC	
Current carrying capacity	Direction signal 150mA Zero position signal 500mA	
Wiring	Cable 500mm long with plug (male) Mini-Mate-N-Lok 10-pole	
Cable 500mm long with plug (male)		
	1 axis	E001 1

Voltage output (not stabilized)

Supply voltage	4,75-5,25V DC	
Current carrying capacity	Direction signal 8mA	
Wiring	Cable 500mm long with plug (male) Mini-Mate-N-Lok 10-pole	
	Characteristic: <input type="checkbox"/> = contra rotating, <input type="checkbox"/> = concurrently rotating	
0,5...2,5...4,5V redundant + 2 direction signals per axis		
	1 axis	E104 1 <input type="checkbox"/>

Voltage output

Supply voltage	9-32V DC (*11,5-32V)	
Current carrying capacity	Direction signal 150mA Zero position signal 500mA	
Wiring	Cable 500mm long with plug (male) Mini-Mate-N-Lok 10-pole	
	Characteristic: <input type="checkbox"/> = contra rotating, <input type="checkbox"/> = concurrently rotating	
0,5...2,5...4,5V redundant + 2 direction signals + 1 zero position signal (galvanically isolated) per axis		
	1 axis	E112 1 <input type="checkbox"/>
0...5...10V redundant + 2 direction signals + 1 zero position signal (galvanically isolated) per axis, supply voltage 11,5 - 32V DC		
	1 axis	E132 1 <input type="checkbox"/>
10...0...10V + 2 direction signals + 1 zero position signal (galvanically isolated) per axis, supply voltage 11,5 - 32V DC, sensor redundant, with error monitoring and error signal		
	1 axis	E136 1
<i>Voltage output with other value on request!</i>		

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Current output

Supply voltage	9-32V DC
Current carrying capacity	Direction signal 150mA Zero position signal 500mA 75mm (from 3 axis)
Wiring	Cable 500mm long with plug (male) CPC 13 - 9-pole

0...10...20mA + 2 direction signals + 1 zero position signal (galvanically isolated) per axis, sensor redundant with error monitoring and error signal	1 axis	E206 1
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20...0...20mA + 2 direction signals + 1 zero position signal (galvanically isolated) per axis, sensor redundant with error monitoring and error signal	1 axis	E208 1
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4...12...20mA + 2 direction signals + 1 zero position signal (galvanically isolated) per axis, sensor redundant with error monitoring and error signal	1 axis	E214 1
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20...4...20mA + 2 direction signals + 1 zero position signal (galvanically isolated) per axis, sensor redundant with error monitoring and error signal	1 axis	E216 1
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Voltage output with other value on request!

Attachments

Mating connector AMP Mini-Mate-N-LoK 10-pole (female contact)	5300000963
Mating connector AMP Mini-Mate-N-LoK 10-pole (female contact) with 2m cable	5300000964

T = Dead man's button

