

Single-axis controller S27



The single-axis controller S27 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.

Technical data

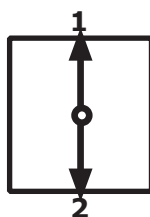
Mechanical life S27	6 million operating cycles
Operating temperature	-40°C til +60°C
Degree of protection	IP65



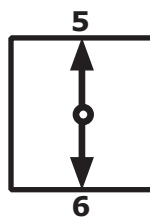
	S27L	M	- Z	- E...	- X
Basic unit					
S27L left					
S27R right					
Grip / palm grip					
Knob (standard)					
M Mechanical zero interlock					
Q T-grip					
Z Spring return					
R Friction brake					
Interface (description on the following pages)					
E0xx Digital output					
E1xx Voltage output					
E2xx Current output					
Special model					
X Special / customer specific					

Identification of the installation variants with switching directions:

S27 left



S27 right



Digital output		
Supply voltage	9-32V DC	
Current carrying capacity	Direction signal 150mA Zero position signal 500mA	
Wiring	Cable 500mm long with plug (male) CPC 13 - 9-pole	
2 direction signals + 1 zero position signal (galvanically isolated) per axis		
	1 axis	E001 1

Voltage output (not stabilized)		
Supply voltage	4,75-5,25V DC	
Current carrying capacity	Direction signal 8mA	
Einbautiefe A	60mm	
Wiring	Cable 500mm long with plug (male) CPC 13 - 9-pole	
Characteristic: <input type="checkbox"/> = contra rotating, <input checked="" 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) CPC 13 - 9-pole	
Characteristic: <input type="checkbox"/> = contra rotating, <input checked="" 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"/>
00...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>		

Current output

Supply voltage	9-32V DC	
Current carrying capacity	Direction signal 150mA Zero position signal 500mA	
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
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
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
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
<i>Voltage output with other value on request!</i>		

Attachments

Mating connector AMP CPC 13 9-pole (female contact)	5300000479
Mating connector AMP CPC 13 9-pole (female contact) with 2m cable	5300000480



Single-axis controller S27

M = Latch for mechanical zero interlock

T - grip

