

Single-axis controller S26



The single-axis controller S26 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 S26	6 million operating cycles
Operating temperature	-40°C til +60°C
Degree of protection	IP54



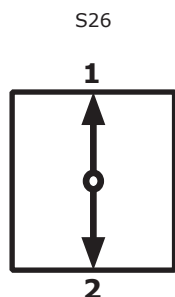
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Example

	S26	T	- Z	- E...	- X
Basic unit					
S26 1-axis					
Grip / palm grip					
Knob					
M Mechanical zero interlock					
T Dead man					
H Signal button					
D Push button					
B... Palm grip B... (see page palm grip 129)					
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:



Combination possibilities with our handles



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Digitale 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
Wiring	Cable 500mm long with plug (male) CPC 13 - 9-pole

Characteristic: = contra rotating, = concurrently rotating

0,5...2,5...4,5V redundant + 2 direction signals per axis

1 axis

E104 1

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: = contra rotating, = concurrently rotating

0,5...2,5...4,5V redundant + 2 direction signals + 1 zero position signal (galvanically isolated) per axis

1 axis

E112 1

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

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

Voltage output with other value on request!

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>Current output with other value on request!</i>			

Attachments

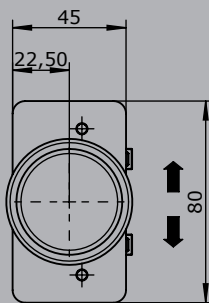
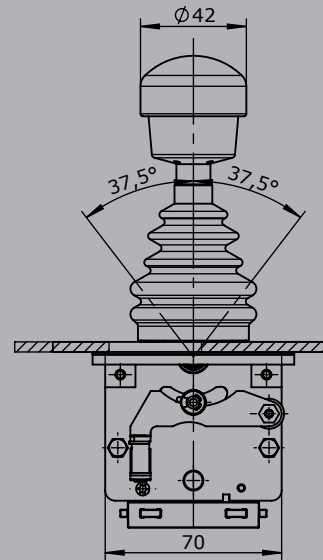
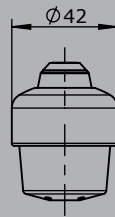
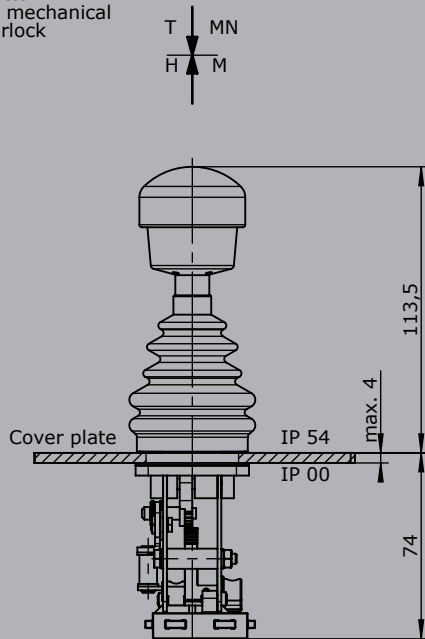
Mating connector AMP CPC 13 9-pole (female contact)	5300000479	
Mating connector AMP CPC 13 9-pole (female contact) with 2m cable	5300000480	



Single-axis controller S26

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

Knob solid
D = Push button



Palm grip B5
B5 T = Dead man's button

