

# 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 to +85°C
Degree of protection	up to IP54, electronic assembly IP67

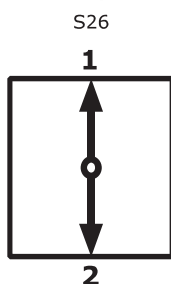


Example

	S26	T	- Z	- E...	- S...	- X
<b>Basic unit</b>						
S26 1-axis						
<b>Grip / palm grip</b>						
Knob						
M Mechanical zero interlock						
T Dead man						
H Signal button						
D Push button						
B... Palm grip B... (on request!)						
Z Spring return						
R Friction brake						
<b>Interface (description on the following pages)</b>						
E0xx Digital output						
E1xx Voltage output						
E2xx Current output						
<b>Plug connectors</b>						
S.. Standard plug connectors (see page 138)						
<b>Special model</b>						
X Special / customer specified						

## Identification of the installation variants

with switching directions:



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

### Digital output

Supply voltage	9-32 V DC		
Current carrying capacity	Direction signal 150 mA Zero position signal 500 mA		
Wiring	Cable 500 mm long without plug connector		
	Optional with plug connector ( <i>standard plug connectors see page 138</i> )		S
2 direction signals + 1 zero position signal (galvanically isolated)			
	1 axis	E001 1	

### Voltage output (not stabilized)

Supply voltage	4,75-5,25 V DC		
Current carrying capacity	Direction signal 8 mA		
Wiring	Cable 500 mm long without plug connector		
	Optional with plug connector ( <i>standard plug connectors see page 138</i> )		S
0,5...2,5...4,5 V redundant + 2 direction signals			
	1 axis	E104 1	
<b>Output options</b>			
Characteristic:			
	Inverse dual		1
	Dual		2
	Inverse dual with dead zone +/- 3° (standard)		3
	Dual with dead zone +/- 3° *1		4

### Voltage output

Supply voltage	9-32 V DC (*11,5-32 V)		
Current carrying capacity	Direction signal 150 mA Zero position signal 500 mA		
Wiring	Cable 500 mm long without plug connector		
	Optional with plug connector ( <i>standard plug connectors see page 138</i> )		S
0,5...2,5...4,5 V redundant + 2 direction signals + 1 zero position signal (galvanically isolated)			
	1 axis	E112 1	
0...5...10 V redundant + 2 direction signals + 1 zero position signal (galvanically isolated), supply voltage 11,5 - 32 V DC			
	1 axis	E132 1	
10...0...10 V + 2 direction signals + 1 zero position signal (galvanically isolated), supply voltage 11,5 - 32 V DC, sensor redundant with error monitoring and error signal			
	1 axis	E136 1	
<b>Output options</b>			
Characteristic:			
	Inverse dual *1		1
	Dual *1		2
	Inverse dual with dead zone +/- 3° *1 (standard)		3
	Dual with dead zone +/- 3° *1		4
*1 not combinable with output E136X			
	Single *2		5
	Single with dead zone *2 (standard)		6
*2 not combinable with output E112X and E132X			
<i>Voltage output with other value on request!</i>			

Current output			
Supply voltage	9-32 V DC		
Current carrying capacity	Direction signal 150 mA		
	Zero position signal 500 mA		
Wiring	Cable 500 mm long without plug connector		
	Optional with plug connector ( <i>standard plug connectors see page 138</i> )		
0...10...20 mA + 2 direction signals + 1 zero position signal (galvanically isolated), sensor redundant with error monitoring and error signal	1 axis	E206 1	
	20...0...20 mA + 2 direction signals + 1 zero position signal (galvanically isolated), sensor redundant with error monitoring and error signal	1 axis	E208 1
	4...12...20 mA + 2 direction signals + 1 zero position signal (galvanically isolated), sensor redundant with error monitoring and error signal	1 axis	E214 1
	20...4...20 mA + 2 direction signals + 1 zero position signal (galvanically isolated), sensor redundant with error monitoring and error signal	1 axis	E216 1
	<b>Output options</b>		
	Single	5	
	Single with dead zone +/-3° (standard)	6	

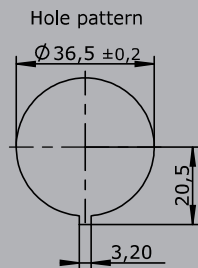
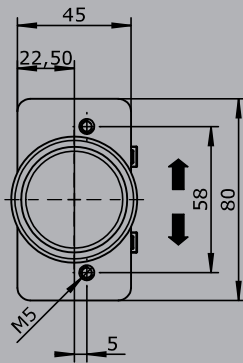
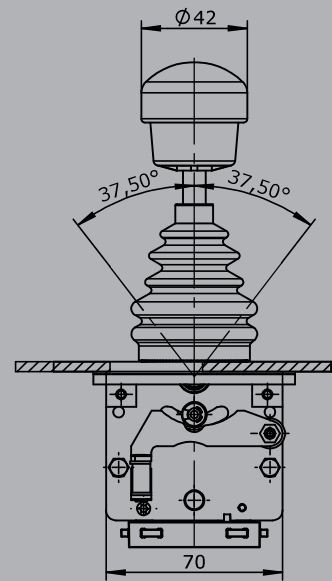
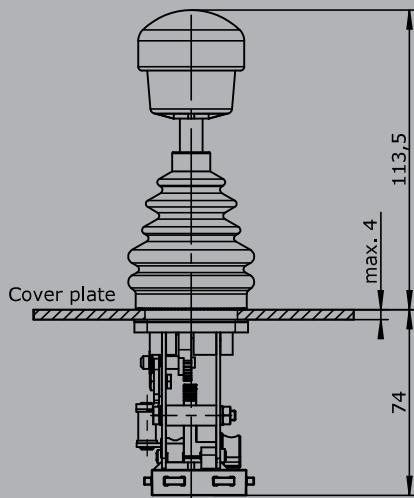
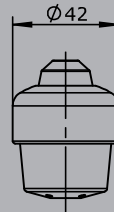
*Current output with other value on request!*

1

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

