

Single-axis Controller

S2 / SS2 / S21



The Single-axis Controller S2 / SS2 / S21 is a robust switching device for remote controlled and electrohydraulic applications. The modular design of the switching device is universally applicable.

Technical data

Mechanical life S2 / S21	6 million operating cycles
Mechanical life SS2	10 million operating cycles
Operating temperature	-40°C to +85°C
Degree of protection	up to IP54

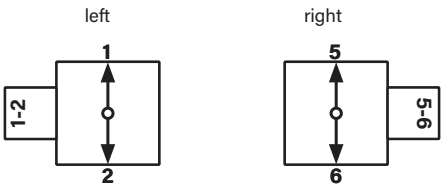


Example

	S2L	S5	T	- 02 Z P	- A050 P134	- X
Basic unit						
S2L	left					
Control-handle extended						
S5	-20 mm					
Grip / palm grip						
T	Dead man					
Axis 1 (direction 1-2)						
02	3 contacts (2A 250 V AC15)					
Z	Spring return					
P	Potentiometer					
Description axis 1 (direction 1-2)						
A050	Arrangement MSP21-0					
P134	Potentiometer T396 2 x 5 kOhm					
Special model						
X	Special / customer specified					

	S2L	S5	T	- 02 Z P	- A050 P134	- X
Basic unit						
S2L	Single-axis controller left					
S2R	Single-axis controller right					
S21L	Single-axis controller left with flange 96 x 96 mm					
S21R	Single-axis controller right with flange 96 x 96 mm					
Reinforced version						
SS2L	Single-axis controller left					
SS2R	Single-axis controller right					
SS21L	Single-axis controller left with flange 96 x 96 mm					
SS21R	Single-axis controller right with flange 96 x 96 mm					

Identification of the installation variants
with switching directions:



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

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Combination possibilities with our handles (valid for single-axis controller S21)



S2L

S5

T

- 02 Z P

- A050 P134

- X

Control-handle extended

Standard

S5 -20 mm

S8 +20 mm

Grip / palm grip

Knob (standard)

M Mechanical zero interlock

MN Mechanical zero interlock (push down)

T Dead man

MT Mechanical zero interlock + dead man

H Signal button

MH Mechanical zero interlock + signal button

D Push button

MD Mechanical zero interlock + push button

DV Flush push button

MDV Mechanical zero interlock + flush push button

B... Palm grip B... (see page palm grip 170)

S2L

S5

T

- 02 Z P

- A050 P134

- X

Axis 1: direction 1-2 left / direction 5-6 right

02 3 contacts

Standard contact - arrangement see page 151

03 5 contacts

z.B.

04 7 contacts

A98

MS0

05 9 contacts

A05

MS21

A0500

MS21-00

A110

MS24-0

A99 contact - arrangement according customer request

Z Spring return

R Friction brake

(P) Possibility of mounting potentiometer and encoder (Gessmann-types)

P Potentiometer

P131

T396 2 x 0,5 kOhm

I max. 1 mA

P132

T396 2 x 1 kOhm

I max. 1 mA

P133

T396 2 x 2 kOhm

I max. 1 mA

P134

T396 2 x 5 kOhm

I max. 1 mA

P135

T396 2 x 10 kOhm

I max. 1 mA

More potentiometers on request!

C Encoder

C... Encoder see page 157

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S2L S5 T - 02 Z P - A050 P134 - X

Special model

- X Special / customer specified
- X1 Microswitch (MZT 1) positively driven NC contact

Attachments

- Indicating labels
- Indicating labels with engraving

1

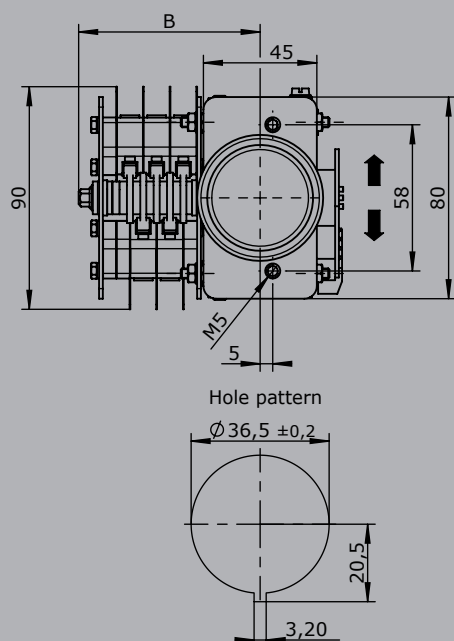
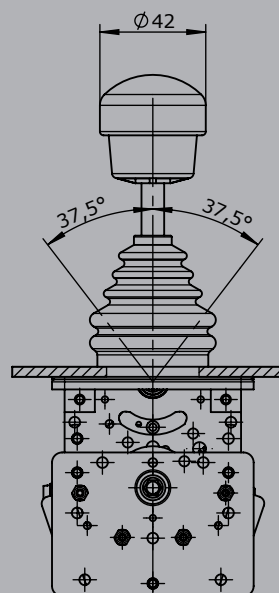
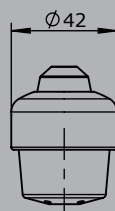
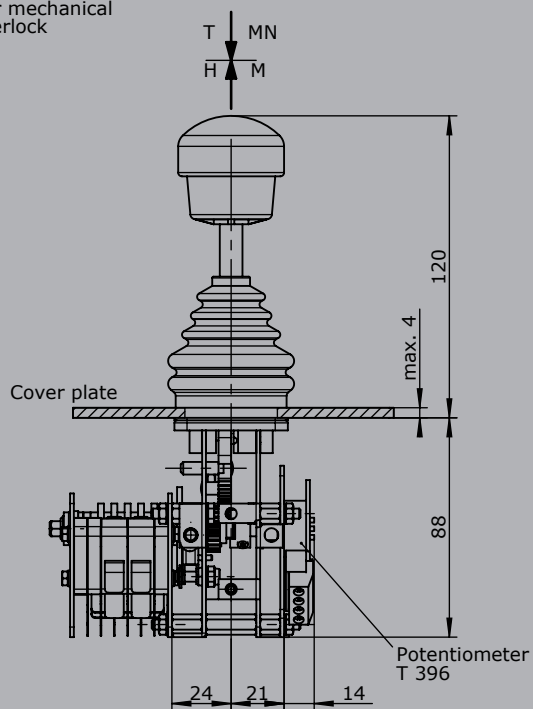
Single-axis Controller

S2 / SS2

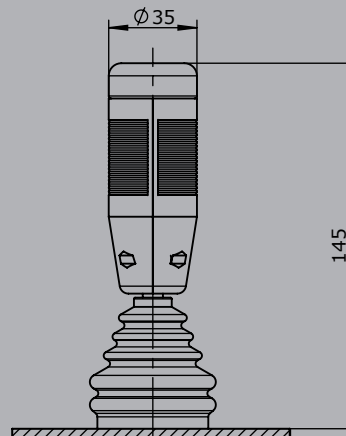


T = Dead man's button
H = Signal button
M = Latch for mechanical zero interlock

Knob solid
D = Push button



Palm grip B5
B5 T = Dead man's button



Type	No. of contacts	Maß B
02	3	62
03	5	72
04	7	83
05	9	93

