

Single-axis controller

S2 / SS2 / S21



The single-axis controller S2/SS2 is a robust switching device for remote controlled and electrohydraulic applications. 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 S2 / S21	6 million operating cycles
Mechanical life SS2	10 million operating cycles
Operating temperature	-40°C til +60°C
Degree of protection	IP54

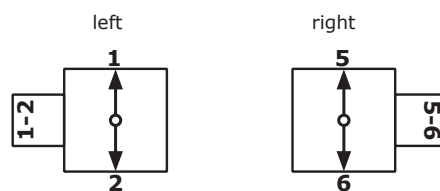


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	S2L	S5	T	- 02 Z P	- A050 P134	- X
Basic unit						
S2L left						
Control-handle extended						
S5 -20mm						
Grip / palm grip						
T Dead man						
Axis 1 (direction 1-2)						
02 3 contacts (2A 250V AC15)						
Z Spring return						
P Potentiometer						
Description axis 1 (direction 1-2)						
A050 Arrangement MSP21						
P134 Potentiometer T396 2x5kOhm						
Special model						
X Special / customer-specific						

	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 96x96mm						
S21R Single-axis controller right with flange 96x96mm						
reinforced version						
SS2L Single-axis controller left						
SS2R Single-axis controller right						
SS21L Single-axis controller left with flange 96x96mm						
SS21R Single-axis controller right with flange 96x96mm						

Identification of the installation variants with switching directions:



Single-axis controller

S2 / SS2 / S21

Combination possibilities with our handles



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

Control-handle extended		S2L	S5	T	- 02 Z P	- A050 P134	- X
	Standard						
S5	-20mm						
S8	+20mm						
*Only possible in combination with handle!							
Grip / palm grip		S2L	S5	T	- 02 Z P	- A050 P134	- X
	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 129)						

Axis 1: direction 1-2 left / direction 5-6 right		S2L	S5	T	- 02 Z P	- A050 P134	- X
02	3 contacts						
03	5 contacts						
04	7 contacts						
05	9 contacts						
		Standard contact - arrangement see page 112					
		z.B.					
		A98			MS0		
		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 2x0,5kOhm		I max. 1mA	
		P132		T396 2x1kOhm		I max. 1mA	
		P133		T396 2x2kOhm		I max. 1mA	
		P134		T396 2x5kOhm		I max. 1mA	
		P135		T396 2x10kOhm		I max. 1mA	
		More potentiometer on request!					
C	Encoder	C... Encoder see page 119					

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

Single-axis controller

S2 / SS2 / S21

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

Special model

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

Attachments

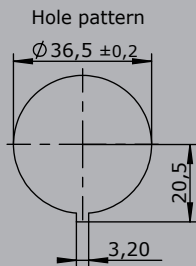
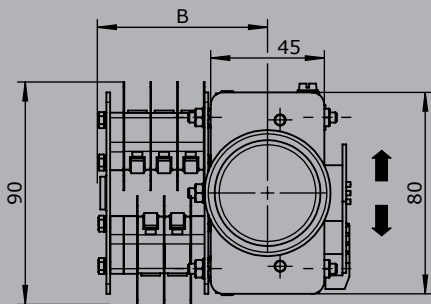
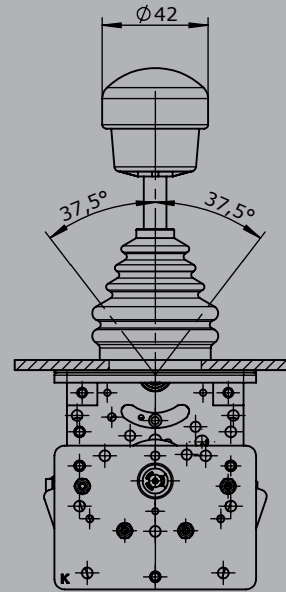
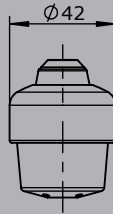
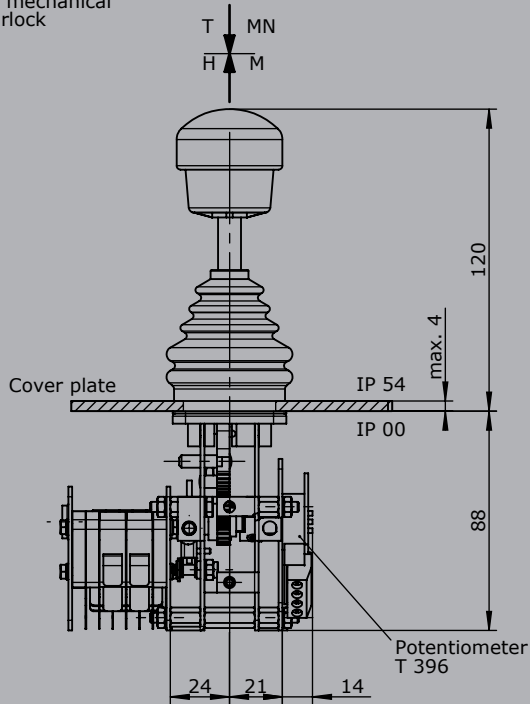
- Indicating labels
- Indicating labels with engraving

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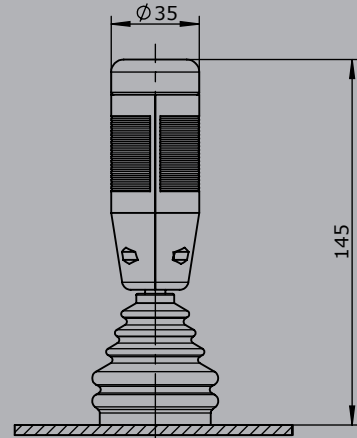
Single-axis controller S2 / SS2

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

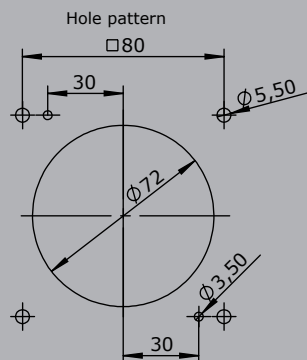
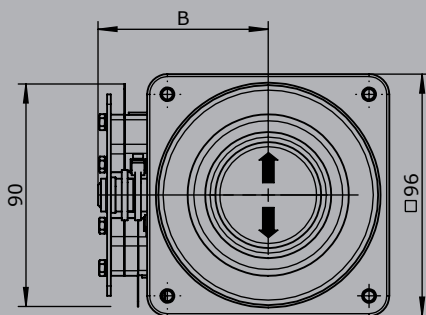
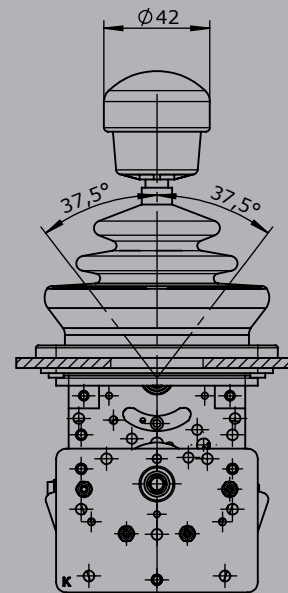
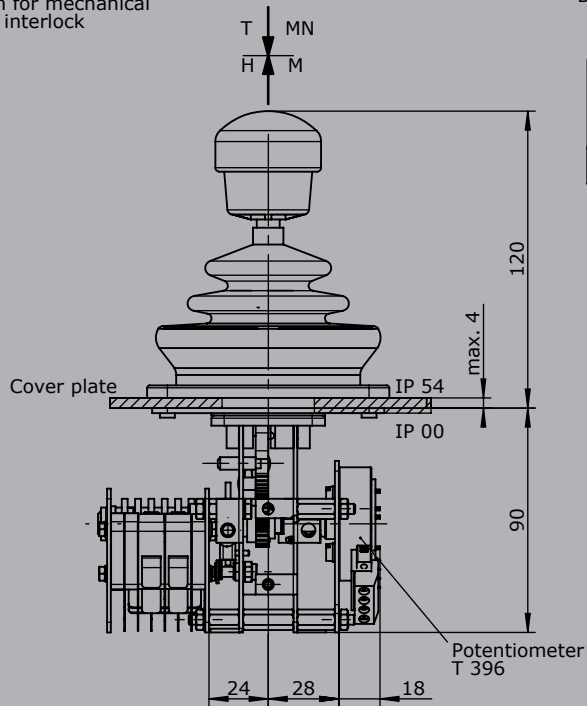


Type	No. of contacts	Maß B
02	3	62
03	5	72
04	7	83
05	9	93

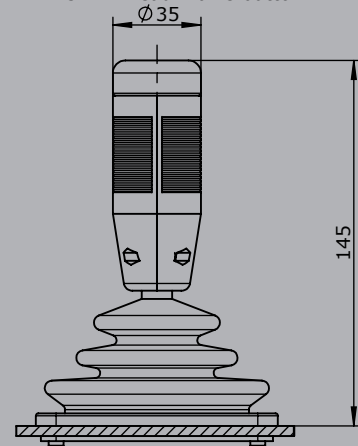
Single-axis controller S21

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