

Single-Axis Controller

S14



GESSMANN®

The S14 is a compact single-axis joystick designed for remote control and electrohydraulic applications. Due to its modular design, this control unit can be used universally. The integrated sensor system has signal and potentiometer tracks in conductive plastic technology. Optionally switch contacts are also available.

Technical data

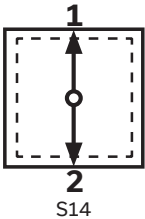
Mechanical life S14	6 million operating cycles
Operating temperature	-40°C to +85°C
Degree of protection	Up to IP65



	S14L	S8	Example T	-01ZC	-A05 C61	-X
Basic unit						
S14L Single-Axis Controller						
Control-handle extended						
Standard 60 mm*						
S8 +20 mm						
*Only possible in combination with handle!						
Grip / Palm Grip						
T Dead man						
Axis 1 (direction 1-2)						
01 2 contacts (2A 250 V AC15)						
Z Spring return						
C Mechanical encoder						
Description axis 1 (direction 1-2)						
A05 Arrangement MSP21						
C61 Mechanical encoder MEC 1-2						
Special model						
X Special / customer specified						

	S14L	S8	T
Basic unit			
S14L 1-axis left			
S14R 1-axis right			
Control-handle extended			
Standard 60 mm*			
S8 +20 mm			
*Only possible in combination with handle!			
Grip / Palm Grip			
Knob (standard)			
M Mechanical zero interlock			
MH Mechanical zero interlock + signal contact			
T Dead man			
H Signal button			
GK1 Knob 42 mm			
GK1M Mechanical zero interlock			

Identification of the installation
variants with switching directions:

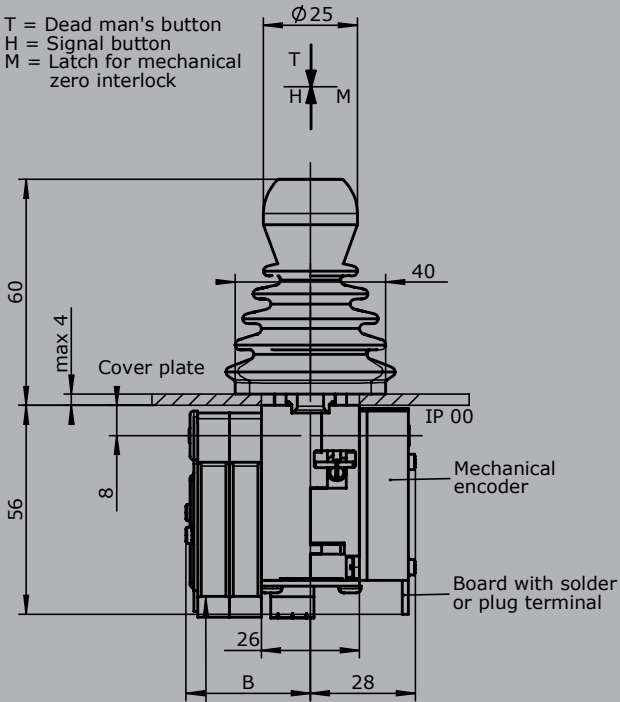


Technical details may vary based on configuration or application! Technical data subject to change without notice!

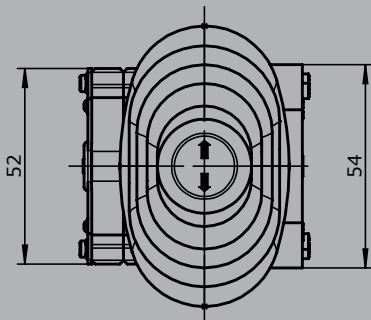
		S14L	S8	T	-01ZC	-A05	C61	-X
Axis 1: direction 1-2 left / direction 5-6 right								
	(Standard contacts gold-plated 2A 250V AC15)							
01	2 contacts	Standard contact - arrangement see page 129						
02	4 contacts	z.B.						
03	6 contacts	A05 MS21						
		A0500 MS21-00						
		A110 MS24-0						
		A99 contact - arrangement according customer request						
Z	Spring return (included in basic unit!)							
R	Friction brake							
C	Mechanical encoder	C61	MEC 1-2					
			EA/02-10			I max. 1 mA		
			Potentiometer track			2 x 10 kOhm		
			Direction track			Arrangement MS26-0		
		C62	MEC 1-7					
			EA/10-10			I max. 1 mA		
			Potentiometer track			2 x 5 kOhm		
			Direction track			Arrangement MS26-0-1		
		More potentiometers on request!						
H	Hall-Potentiometer	E14811				0,5...2,5...5,4 V / 4,5...2,5...0,5 V		

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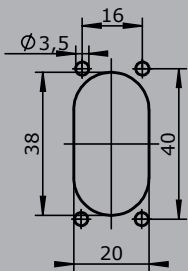
T = Dead man's button
H = Signal button
M = Latch for mechanical
zero interlock



CAGE CLAMP® connection
max. 1,5mm²



Hole pattern



Type	No. of contacts	Dim. B
01	2	24
02	4	33
03	6	42