



SAFETY POSITION SWITCHES WITH SOLENOID INTERLOCKING LOCKING FORCE 1300N, 5 DIRECTIONS OF APPROACH, PLASTIC ENCLOSURE, M12 CONNECT. ASISAFE INTEGRATED CH1=ACTUATOR 1NC CH2=MAGNET 1NC SOLENOID LOCKED, MAGNET VOLTAGE 24V DC/AC, MONITORING OF ACTUATOR 2NC/1NO, MONITORING OF MAGNET 2NC/1NO THE MATCHING SEPARATE ACTUATOR 3SE5000-0AV0. IS TO BE ORDERED SEPARATELY

### General technical details:

<b>product designation</b>		position switch with tumbler
<b>Product feature</b>		with integrated ASIsafe electronics
<b>Verification of suitability</b>		CE / UL / CSA / CCC / VDE / TÜV
<b>Supply voltage</b>		
• of the magnet coil	V	24
<b>Type of voltage / of the supply voltage</b>		
• of the optional LED display		DC
<b>Relative ON period</b>		
• of the magnet coil	%	100
<b>Recorded real power</b>		
• of the magnet coil	W	3.5
<b>Insulation voltage</b>		
• rated value	V	30
<b>Degree of pollution</b>		class 3
<b>Thermal current</b>	A	4
<b>Operating current</b>		
• at AC-15		
• at 24 V / rated value	A	4
• at DC-13		

• at 24 V / rated value	A	3
<b>Continuous current</b>		
• of the slow DIAZED fuse link	A	4
• of the quick DIAZED fuse link	A	4
• of the C characteristic circuit breaker	A	0.5
<b>Mechanical operating cycles as operating time</b>		
• typical		1,000,000
<b>Electrical operating cycles as operating time</b>		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical		1,000,000
<b>Electrical operating cycles in one hour</b>		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6,000
<b>Repeat accuracy</b>	mm	0.1
<b>Design of the contact element</b>		slow-action contacts
<b>Number of NC contacts</b>		
• for the position surveillance of the locking element		1
• for the position surveillance of the activation element		1
<b>Number of NO contacts</b>		
• for the position surveillance of the locking element		0
• for the position surveillance of the activation element		0
<b>Design of the switching function</b>		positive opening
<b>Resistance against vibration</b>		0.35 mm / 5g
<b>Resistance against shock</b>		30g / 11 ms
<b>Ambient temperature</b>		
• during operating	°C	-25 ... +60
• during storage	°C	-40 ... +80
<b>Width of the sensor</b>	mm	54
<b>material</b>		
• of the housing		plastic
<b>Material / of the housing / of the switch head</b>		plastic
<b>Design of the operating mechanism</b>		5 directions of approach
<b>Actuating speed</b>	mm/s / m/s	0.4 ... 1.5
<b>Minimum actuating force / in activation direction</b>	N	30
<b>Protection class IP</b>		IP66/IP67
<b>Built in orientation</b>		any
<b>Design of the electrical connection</b>		M12 plug, fixed
<b>Design of the plug-in connection</b>		M12 plug, 4-pole: Pin 1 = ASI+ , Pin 2 = not assigned, Pin 3= ASI-, Pin 4 = not assigned
<b>Manufacturer article number</b>		

<ul style="list-style-type: none"> <li>• of the optional actuators</li> </ul>	standard, with transverse fixing, with vertical fixing, radius actuator, universal actuator
<b>Item designation</b> <ul style="list-style-type: none"> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> <li>• according to DIN EN 61346-2</li> </ul>	S  B

#### Certificates/approvals:

##### General Product Approval



CCC



CSA



GOST



TUV



UL



VDE

**Functional Safety /  
Safety of  
Machinery**

**Declaration of  
Conformity**

**Test Certificates**

**other**



VDE



EG-Konf.

[Special Test  
Certificate](#)

[other](#)

#### Further information:

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

##### CAX-Online-Generator

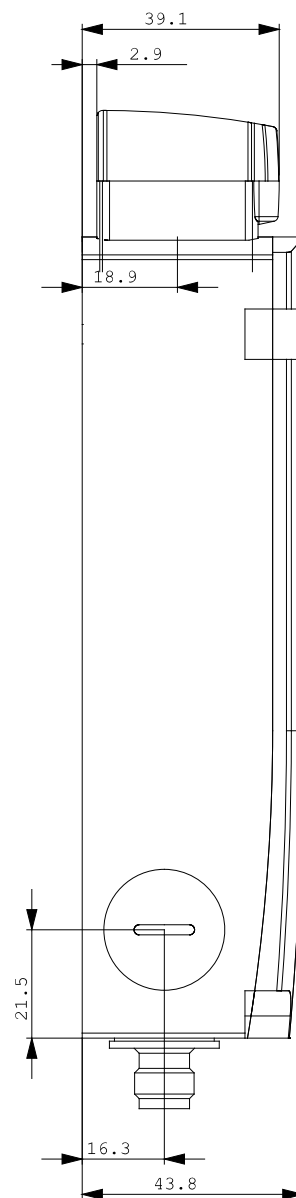
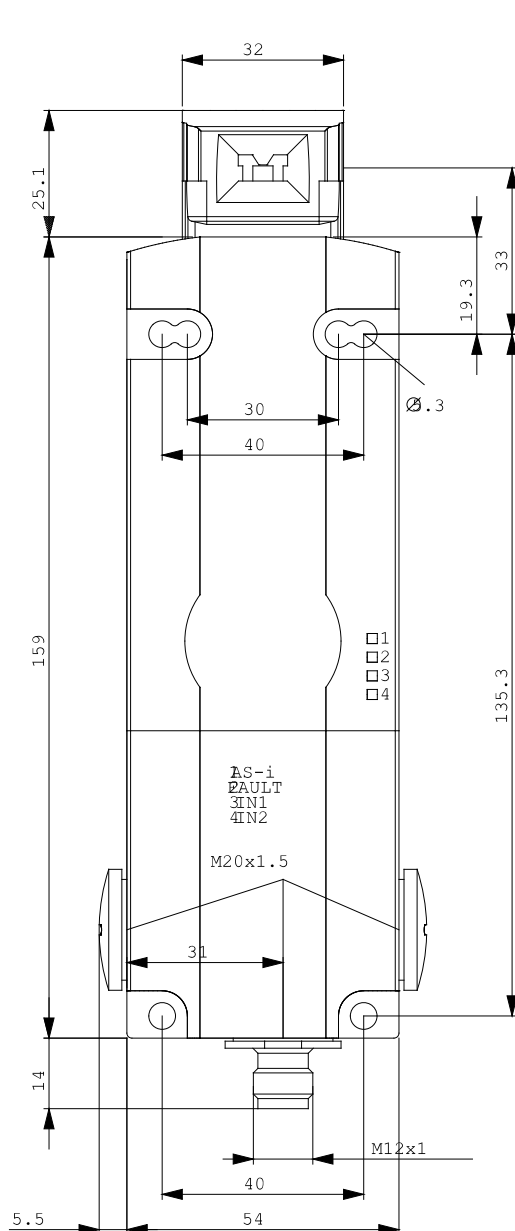
<http://www.siemens.com/cax>

##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SF1324-1SB21-1BA1/all>

##### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SF1324-1SB21-1BA1](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SF1324-1SB21-1BA1)



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