



POSITION SWITCH 3SE51,  
 W. ROUNDED PLUNGER (STAINL. STEEL) METAL  
 ENCLOSURE 40MM TO EN50041 1NO/1NC SNAP-ACTION  
 CONTACTS W. M12 CONNECTOR,  
 4-POLE, FIXED PIN ASSIGNMENT: PIN1=21,  
 PIN2=22, PIN3=13, PIN4=14

<b>Manufacturer article number</b>		
<ul style="list-style-type: none"> <li>of the basic unit included in the scope of supply</li> </ul>		<a href="#">3SE5114-0CA00-1AC4</a>

General technical data:		
<b>Product designation</b>		standard position switch
<b>Explosion protection category for dust</b>		none
<b>Insulation voltage</b>		
<ul style="list-style-type: none"> <li>rated value</li> </ul>	V	250
<b>Degree of pollution</b>		class 3
<b>Thermal current</b>	A	4
<b>Operating current</b>		
<ul style="list-style-type: none"> <li>at AC-15                             <ul style="list-style-type: none"> <li>at 24 V / rated value</li> <li>at 125 V / rated value</li> <li>at 230 V / rated value</li> </ul> </li> <li>at DC-13                             <ul style="list-style-type: none"> <li>at 24 V / rated value</li> <li>at 125 V / rated value</li> <li>at 230 V / rated value</li> </ul> </li> </ul>	A	4
	A	4
	A	1.5
	A	3
	A	0.55
	A	0.27
<b>Continuous current</b>		
<ul style="list-style-type: none"> <li>of the slow DIAZED fuse link</li> </ul>	A	4

<ul style="list-style-type: none"> <li>• of the quick DIAZED fuse link</li> </ul>	A	4
<ul style="list-style-type: none"> <li>• of the C characteristic circuit breaker</li> </ul>	A	1
<b>Mechanical operating cycles as operating time</b>		
<ul style="list-style-type: none"> <li>• typical</li> </ul>		15,000,000
<b>Electrical operating cycles as operating time</b>		
<ul style="list-style-type: none"> <li>• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical</li> </ul>		10,000,000
<ul style="list-style-type: none"> <li>• at AC-15 / at 230 V / typical</li> </ul>		100,000
<b>Electrical operating cycles in one hour</b>		
<ul style="list-style-type: none"> <li>• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026</li> </ul>		6,000
<b>Repeat accuracy</b>	mm	0.05
<b>Design of the contact element</b>		snap-action contacts
<b>Number of NC contacts</b>		
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>		1
<b>Design of the switching function</b>		Positive opening with appropriate positive opening actuator head
<b>Number of NO contacts</b>		
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>		1
<b>Resistance against vibration</b>		0.35 mm / 5g
<b>Resistance against shock</b>		30g / 11 ms
<b>Ambient temperature</b>		
<ul style="list-style-type: none"> <li>• during operating</li> </ul>	°C	-25 ... +85
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	°C	-40 ... +90
<b>Product specification</b>		
<ul style="list-style-type: none"> <li>• for dimensions</li> </ul>		EN 50041
<b>Width of the sensor</b>	mm	40
<b>Material</b>		
<ul style="list-style-type: none"> <li>• of the enclosure</li> </ul>		metal
<b>Material / of the enclosure / of the switch head</b>		metal
<b>Design of the operating mechanism</b>		stainless steel plunger
<b>Actuating speed</b>	mm/s / m/s	0.4 ... 1.5
<b>Minimum actuating force / in activation direction</b>	N	20
<b>Protection class IP</b>		IP67
<b>mounting position</b>		any
<b>Cable gland version</b>		M12 plug
<b>Design of the electrical connection</b>		M12 plug, fixed
<b>Design of the plug-in connection</b>		M12 connector, 4-pole: pin 1= terminal 21, pin 2= 22, pin 3= 13, pin 4= 14
<b>Reference code</b>		
<ul style="list-style-type: none"> <li>• according to DIN 40719 extended according to IEC 204-2</li> </ul>		S

• according to DIN EN 61346-2

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### Certificates/ approvals:

#### General Product Approval

#### Declaration of Conformity

#### Test Certificates



[Special Test  
Certificate](#)

#### other

[Confirmation](#)

### Further information:

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

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

#### Industry Mall (Online ordering system)

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

#### Cax online generator

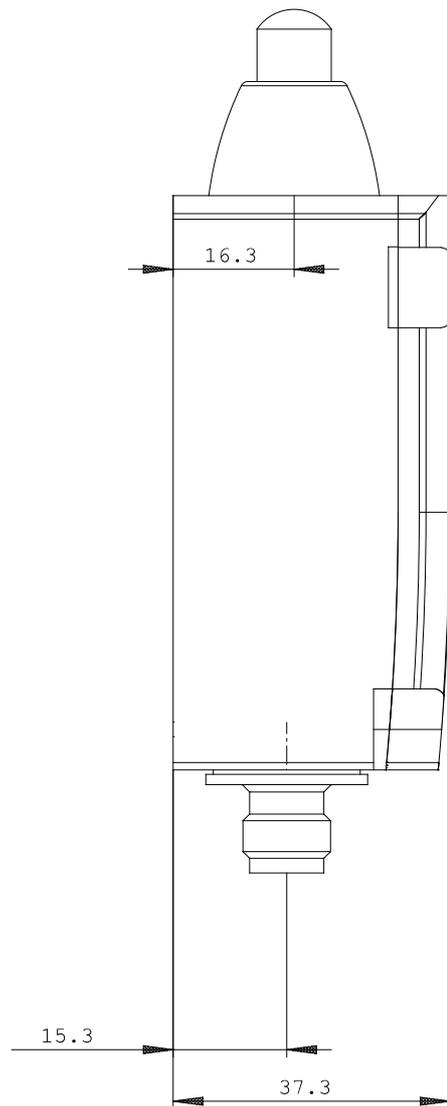
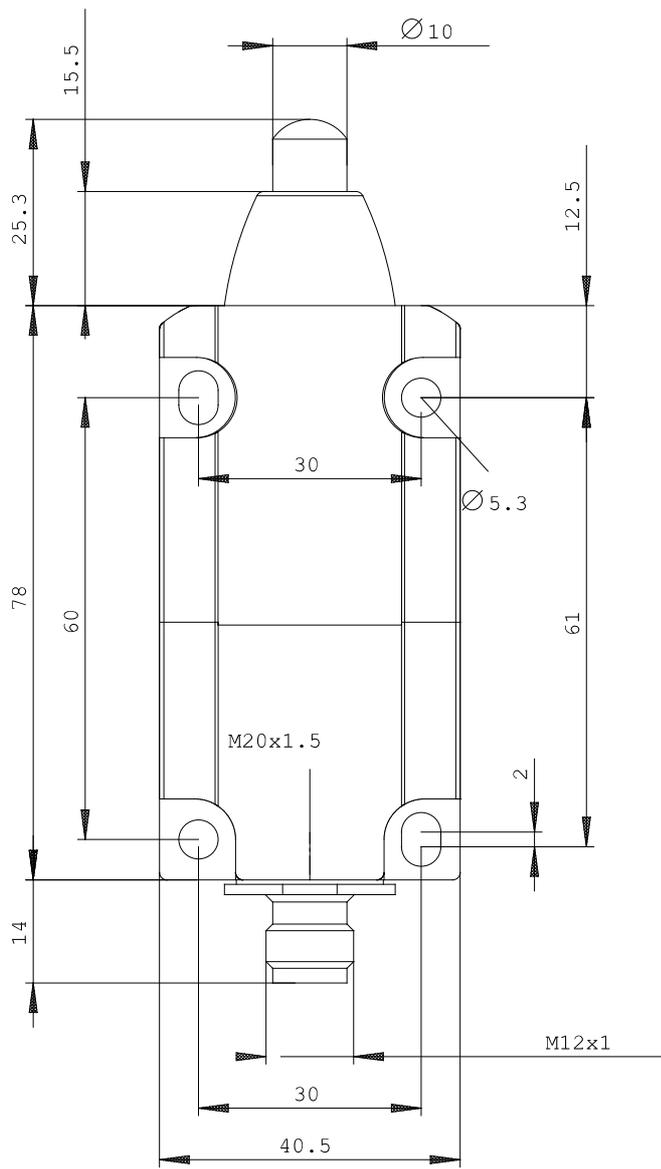
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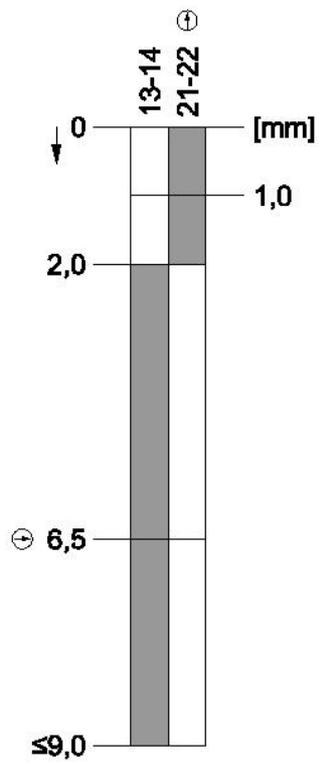
#### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5114-0CC02-1AC4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SE5114-0CC02-1AC4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5114-0CC02-1AC4)





last change:

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