## **SIEMENS**

Product data sheet 3SE5114-1BA00-1AF3



BASIC SWITCH FOR POSITION SWITCH 3SE51, METAL HOUSING 40MM TO EN50041,1NO/1NC SLOW-ACTION CONTACTS W. M12 CONNECTOR, 5-POLE, FIXED W. 2 LEDS, YELLOW/GREEN, 24V DC,

W/O ACTUATOR HEAD PIN ASSIGNMENT: PIN1=21, PIN2=22, PIN3=14 AND LED GREEN, PIN4=13 AND LED YELLOW, PIN5=GROUND LED

• of the basic unit included in the scope of supply

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General technical data:		
Product designation		basic switch for standard position schwitches
Explosion protection category for dust		none
Type of voltage / of the supply voltage		
of the optional LED indicator		DC
Insulation voltage		
rated value	V	125
Degree of pollution		class 3
Thermal current	Α	4
Operating current		
• at DC-13		
at 24 V / rated value	Α	3
Continuous current		
of the slow DIAZED fuse link	Α	4
of the quick DIAZED fuse link	Α	4
of the C characteristic circuit breaker	Α	1
Mechanical operating cycles as operating time		
• typical		15,000,000

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Electrical operating cycles as operating time		
<ul> <li>with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical</li> </ul>		10,000,000
Electrical operating cycles in one hour		
<ul> <li>with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026</li> </ul>		6,000
Repeat accuracy	mm	0.05
Design of the contact element		slow-action contacts
Number of NC contacts		
for auxiliary contacts		1
Design of the switching function		Positive opening with appropriate positive opening actuator head
Number of NO contacts		
• for auxiliary contacts		1
Resistance against vibration		0.35 mm / 5g
Resistance against shock		30g / 11 ms
Ambient temperature		
during operating	°C	-25 +60
during storage	°C	-40 +90
Product specification		
• for dimensions		EN 50041
Width of the sensor	mm	40
Material		
• of the enclosure		metal
Design of the operating mechanism		without
Actuating speed	mm/s / m/s	0.4 2.5
Minimum actuating force / in activation direction	N	20
Protection class IP		IP66/IP67
mounting position		any
Cable gland version		M12 plug
Design of the electrical connection		M12 plug, fixed
Design of the plug-in connection		M12 plug, 5-pole: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 13/LED green, Pin 4 = 14/LED yelow, Pin 5 = ground LED
Reference code		
<ul> <li>according to DIN 40719 extended according to IEC 204-2</li> </ul>		s
according to DIN EN 61346-2		В

## 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

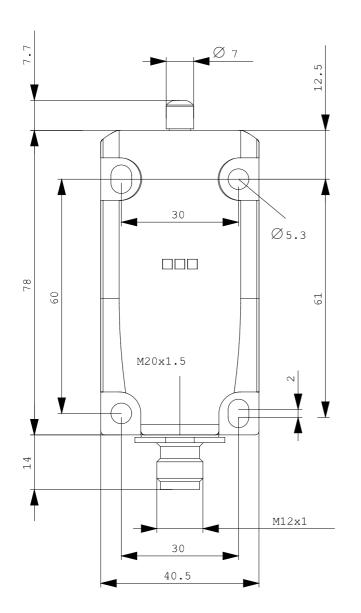
http://www.siemens.com/cax

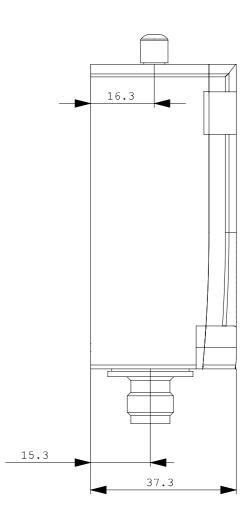
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

 $\underline{\text{http://support.automation.siemens.com/WW/view/en/3SE5114-1BA00-1AF3/all}}$ 

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3SE5114-1BA00-1AF3





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