## SIEMENS

## **Product data sheet**

## 3SE5114-0LA00-1AE1



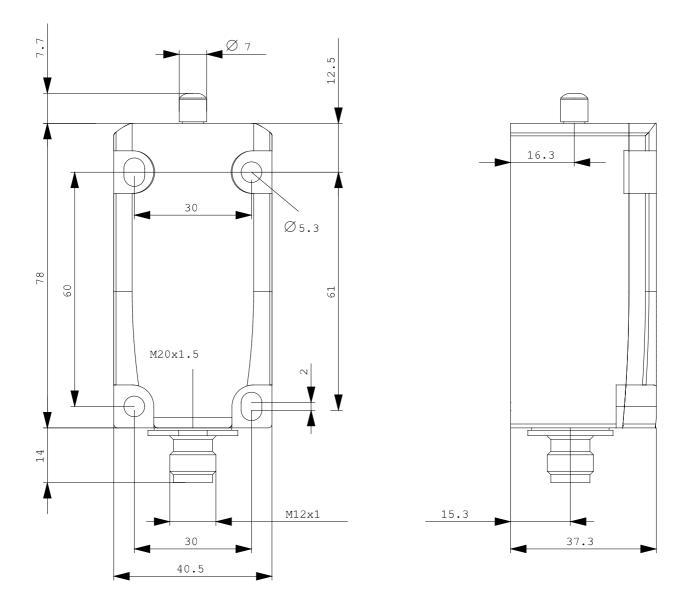
BASIC SWITCH FOR POSITION SWITCH 3SE51. METAL ENCLOSURE 40MM TO EN50041 DEVICE CONNECTION 1X (M20X1.5) W. M12 CONNECTOR, 5-POLE, FIXED 1NO/2NC SNAP-ACTION CONTACTS, (2NC AND PE CONNECTED) MAX. 24 V, 4A

Manufacturer article number							
• of the basic unit included in the scope of supply		3SE5114-0LA00-1AE1					
General technical details:							
product designation		basic switch for standard position schwitches					
Insulation voltage	_						
rated value	V	125					
Degree of pollution		class 3					
Thermal current	А	4					
Operating current							
• at AC-15							
• at 24 V / rated value	А	4					
• at 125 V / rated value	А	4					
• at DC-13							
• at 24 V / rated value	А	3					
• at 125 V / rated value	А	0.55					
Continuous current							
of the slow DIAZED fuse link	А	4					
of the quick DIAZED fuse link	А	4					
of the C characteristic circuit breaker	А	1					
Mechanical operating cycles as operating time							

• typical		15,000,000		
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	-			
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6,000		
Repeat accuracy	mm	0.05		
Design of the contact element		snap-action contacts		
Number of NC contacts				
for auxiliary contacts		2		
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 +85		
during storage	°C	-40 +90		
Product specification				
• for dimensions		EN 50041		
Width of the sensor	mm	40		
material				
• of the housing		metal		
Actuating speed	mm/s / m/s	0.1 2.5		
Minimum actuating force / in activation direction	N	20		
Protection class IP		IP66/IP67		
Built in orientation	-	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 = 31, Pin 4 = 32, Pin 5 = PU		
Item designation				
<ul> <li>according to DIN 40719 extendable after IEC 204-2</li> </ul>		S		
according to DIN EN 61346-2		В		

Certificates/approvals:

General Produc	ct Approval			Functional Safety / Safety of Machinery	Test Certificates
coc	ROSTEST			<u>TÜV</u>	Manufacturer
other					
Manufacturer					
	I Downloadcenter (Cata ns.com/industrial-controls				
	nline ordering system) ns.com/industrial-controls	/mall			
CAx-Online-Gen					
http://www.sieme					
	rt (Manuals, Certificates		-		
nttp://support.auto					



last change:

Nov 24, 2011